

ISO 20022

Card Payments Exchanges - Acceptor to Acquirer - Maintenance 2022 - 2023

Message Definition Report - Part 2

Approved by the Cards and Related Retail Financial Services SEG
on 16 February 2023

This document provides details of the Message Definitions for Card Payments Exchanges - Acceptor to Acquirer -
Maintenance 2022 - 2023.

May 2023

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1 Message Set Overview

Introduction

This document describes the Card Payments Exchanges - Acceptor to Acquirer messages set that support transactions and services that are related to card payments between a card acceptor and a card transaction acquirer. It includes the new version of the authorisation, cancellation and capture of card transactions MessageDefinitions that have been added as part of the maintenance cycle 2022/2023 (MCR #206) and approved by the Cards and Related Retail Financial Services Standards Evaluation Group on 16 February 2023 as ISO 20022 MessageDefinitions.

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caaa.001.001.12 AcceptorAuthorisationRequestV12	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.002.001.12 AcceptorAuthorisationResponseV12	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.003.001.12 AcceptorCompletionAdviceV12	The AcceptorCompletionAdvice message is sent by an acceptor (or its agent) to notify the acquirer (or its agent) of the outcome of the payment at the acceptor, and to transfer the financial data of the transaction to the acquirer (capture). A AcceptorCompletionAdvice message is also sent to reverse an approved authorisation and any associated financial transfer (capture), if the card payment transaction could not be completed successfully.
caaa.004.001.11 AcceptorCompletionAdviceResponseV11	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.005.001.12 AcceptorCancellationRequestV12	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.006.001.11 AcceptorCancellationResponseV11	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.007.001.12 AcceptorCancellationAdviceV12	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

MessageDefinition	Definition
	without financial transfer, or the acceptor is aware that the transaction was not cleared by the acquirer.
caaa.008.001.11 AcceptorCancellationAdviceResponseV11	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.009.001.11 AcceptorReconciliationRequestV11	<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.010.001.10 AcceptorReconciliationResponseV10	<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.011.001.12 AcceptorBatchTransferV12	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.012.001.11 AcceptorBatchTransferResponseV11	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.013.001.11 AcceptorDiagnosticRequestV11	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.014.001.10 AcceptorDiagnosticResponseV10	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.016.001.10 AcceptorCurrencyConversionRequestV10	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.017.001.10 AcceptorCurrencyConversionResponseV10	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.018.001.07 AcceptorCurrencyConversionAdviceV07	The AcceptorCurrencyConversionAdvice message is sent by the card acceptor to inform the currency

MessageDefinition	Definition
	conversion service provider of the outcome of the card currency conversion.
caaa.019.001.06 AcceptorCurrencyConversionAdviceResponseV06	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.020.001.04 TransactionAdviceV04	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.021.001.04 TransactionAdviceResponseV04	The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.
caaa.022.001.03 AcceptorNonFinancialRequestV03	The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).
caaa.023.001.03 AcceptorNonFinancialResponseV03	The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.
caaa.024.001.03 AcceptorTransactionLogReportRequestV03	The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.
caaa.025.001.03 AcceptorTransactionLogReportResponseV03	This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.

2 caaa.001.001.12 AcceptorAuthorisationRequestV12

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 AcceptorAuthorisationRequestV12 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]	±		17
	Traceability <Tracblt>	[0..*]	±		18
	AuthorisationRequest <AuthstnReq>	[1..1]			18
	Environment <Envt>	[1..1]	±		22
	Context <Cntxt>	[1..1]	±		29
	Transaction <Tx>	[1..1]			32
	TransactionCapture <TxCaptr>	[1..1]	Indicator		36
	TransactionType <TxTp>	[0..1]	CodeSet		37
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		37
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		38
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		38
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		39
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		39
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		39
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		39
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		39
	TransactionIdentification <TxId>	[1..1]	±		39
	OriginalTransaction <OrgnlTx>	[0..1]	±		40
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		40
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		40
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		40
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		41

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtIs>	[1..1]			41
	Currency <Ccy>	[0..1]	CodeSet	C1	43
	TotalAmount <TtlAmt>	[1..1]	Amount		44
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		44
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		44
	DetailedAmount <DtldAmt>	[0..1]	±		44
	RequestedAmount <ReqdAmt>	[0..1]	Amount		45
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		45
	InvoiceAmount <InvcAmt>	[0..1]	Amount		45
	ValidityDate <VldtyDt>	[0..1]	Date		45
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		45
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		46
	AccountType <AcctTp>	[0..1]	CodeSet		46
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			47
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		49
	Conversion <Convs>	[0..1]			49
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		51
	TargetCurrency <TrgtCcy>	[1..1]			51
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	51
	NumericCode <NmrcCd>	[1..1]	Text		51
	Decimal <Dcml>	[1..1]	Quantity		51
	Name <Nm>	[0..1]	Text		51
	ResultingAmount <RsltAmt>	[0..1]	Amount		52
	ExchangeRate <XchgRate>	[1..1]	Rate		52
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		52
	QuotationDate <QtnDt>	[0..1]	DateTime		52
	ValidFrom <VldFr>	[0..1]	DateTime		52
	ValidUntil <VldUntil>	[0..1]	DateTime		52
	SourceCurrency <SrcCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	53
	NumericCode <NmrcCd>	[0..1]	Text		53

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		53
	Name <Nm>	[0..1]	Text		53
	ApplicableBinRange <AplblBinRg>	[0..*]			53
	LowerBin <LwrBin>	[1..1]	Text		54
	HigherBin <HghrBin>	[1..1]	Text		54
	OriginalAmount <OrgnlAmt>	[0..1]			54
	ActualAmount <ActlAmt>	[0..1]	Amount		54
	MinimumAmount <MinAmt>	[0..1]	Amount		54
	MaximumAmount <MaxAmt>	[0..1]	Amount		54
	CommissionDetails <ComssnDtls>	[0..*]			55
	Amount <Amt>	[1..1]	Amount		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	MarkUpDetails <MrkUpDtls>	[0..*]			55
	Rate <Rate>	[1..1]	Rate		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	DeclarationDetails <DclrtnDtls>	[0..*]	±		55
	Instalment <Instlmt>	[0..*]	±		56
	AggregationTransaction <AggtnTx>	[0..1]	±		57
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		58
	SaleItem <Saleitm>	[0..*]	±		58
	DeliveryLocation <DlvryLctn>	[0..1]	Text		59
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		59
	AdditionalInformation <AddtlInf>	[0..*]			59
	Identification <Id>	[1..1]	Text		60
	Value <Val>	[0..1]	Binary		60
	ProtectedValue <PrctcdVal>	[0..1]	±		60
	Type <Tp>	[0..1]	Text		60
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		60
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		61
	AccountFrom <AcctFr>	[0..1]			61
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		61

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		62
	AccountName <AcctNm>	[0..1]	Text		63
	AccountOwner <AcctOwnr>	[0..1]			63
	Name <Nm>	[1..1]	Text		63
	Address <Adr>	[1..1]	±		63
	Currency <Ccy>	[0..1]	CodeSet	C1	64
	AccountIdentifier <Acctldr>	[0..1]			64
{Or	Card <Card>	[1..1]	Text		65
Or	MSISDN <MSISDN>	[1..1]	Text		65
Or	EMail <EMail>	[1..1]	Text		65
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	65
Or	BBAN <BBAN>	[1..1]	IdentifierSet		66
Or	UPIC <UPIC>	[1..1]	IdentifierSet		66
Or	Domestic <Dmst>	[1..1]	Text		66
Or}	Other <Othr>	[1..1]	Text		66
	Servicer <Svcr>	[0..1]			66
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	66
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		67
	AccountTo <AcctTo>	[0..1]			67
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		68
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		69
	AccountName <AcctNm>	[0..1]	Text		69
	AccountOwner <AcctOwnr>	[0..1]			70
	Name <Nm>	[1..1]	Text		70
	Address <Adr>	[1..1]	±		70
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	AccountIdentifier <Acctldr>	[0..1]			71
{Or	Card <Card>	[1..1]	Text		71
Or	MSISDN <MSISDN>	[1..1]	Text		71
Or	EMail <EMail>	[1..1]	Text		71
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	71

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

2.3 Constraints

C1 ActiveCurrency

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

C2 AnyBIC

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

C3 Country

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

C4 IBAN

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

C5 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.

C7 ValidationByTable

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

2.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

2.4.1 Header <Hdr>

Presence: [1..1]

Definition: Authorisation request message management information.

Header <Hdr> contains the following **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 <ReTrnsmssnCntnr>	[0..1]	Text		17
	CreationDateTime <CreDtTm>	[1..1]	DateTime		17
	InitiatingParty <InitgPty>	[1..1]	±		17
	RecipientParty <RcptPty>	[0..1]	±		17
	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 1491

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.

2.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1522

2.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

2.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

2.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

2.4.2 AuthorisationRequest <AuthstnReq>

Presence: [1..1]

Definition: Information related to the authorisation request.

AuthorisationRequest <AuthstnReq> contains the following **AcceptorAuthorisationRequest12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		22
	Context <Cntxt>	[1..1]	±		29
	Transaction <Tx>	[1..1]			32
	TransactionCapture <TxCaptr>	[1..1]	Indicator		36
	TransactionType <TxTp>	[0..1]	CodeSet		37
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		37
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		38
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		38
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		39
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		39
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		39
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		39
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		39
	TransactionIdentification <TxId>	[1..1]	±		39
	OriginalTransaction <OrgnlTx>	[0..1]	±		40
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		40
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		40
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		40
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		41
	TransactionDetails <TxDtls>	[1..1]			41
	Currency <Ccy>	[0..1]	CodeSet	C1	43
	TotalAmount <TtlAmt>	[1..1]	Amount		44
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		44
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		44
	DetailedAmount <DtldAmt>	[0..1]	±		44
	RequestedAmount <ReqdAmt>	[0..1]	Amount		45
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		45
	InvoiceAmount <InvcAmt>	[0..1]	Amount		45
	ValidityDate <VldtyDt>	[0..1]	Date		45
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		45

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		46
	AccountType <AcctTp>	[0..1]	CodeSet		46
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			47
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		49
	Conversion <Convs>	[0..1]			49
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		51
	TargetCurrency <TrgtCcy>	[1..1]			51
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	51
	NumericCode <NmrcCd>	[1..1]	Text		51
	Decimal <Dcml>	[1..1]	Quantity		51
	Name <Nm>	[0..1]	Text		51
	ResultingAmount <RsltAmt>	[0..1]	Amount		52
	ExchangeRate <XchgRate>	[1..1]	Rate		52
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		52
	QuotationDate <QtnDt>	[0..1]	DateTime		52
	ValidFrom <VldFr>	[0..1]	DateTime		52
	ValidUntil <VldUntil>	[0..1]	DateTime		52
	SourceCurrency <SrcCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	53
	NumericCode <NmrcCd>	[0..1]	Text		53
	Decimal <Dcml>	[0..1]	Quantity		53
	Name <Nm>	[0..1]	Text		53
	ApplicableBinRange <AplblBinRg>	[0..*]			53
	LowerBin <LwrBin>	[1..1]	Text		54
	HigherBin <HghrBin>	[1..1]	Text		54
	OriginalAmount <OrgnlAmt>	[0..1]			54
	ActualAmount <ActlAmt>	[0..1]	Amount		54
	MinimumAmount <MinAmt>	[0..1]	Amount		54
	MaximumAmount <MaxAmt>	[0..1]	Amount		54
	CommissionDetails <ComssnDtls>	[0..*]			55
	Amount <Amt>	[1..1]	Amount		55

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	MarkUpDetails <MrkUpDtls>	[0..*]			55
	Rate <Rate>	[1..1]	Rate		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	DeclarationDetails <DclrtnDtls>	[0..*]	±		55
	Instalment <Instlmt>	[0..*]	±		56
	AggregationTransaction <AggtnTx>	[0..1]	±		57
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		58
	SaleItem <Saleitm>	[0..*]	±		58
	DeliveryLocation <DlvryLctn>	[0..1]	Text		59
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		59
	AdditionalInformation <AddtlInf>	[0..*]			59
	Identification <Id>	[1..1]	Text		60
	Value <Val>	[0..1]	Binary		60
	ProtectedValue <PrctcdVal>	[0..1]	±		60
	Type <Tp>	[0..1]	Text		60
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		60
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		61
	AccountFrom <AcctFr>	[0..1]			61
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		61
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		62
	AccountName <AcctNm>	[0..1]	Text		63
	AccountOwner <AcctOwnr>	[0..1]			63
	Name <Nm>	[1..1]	Text		63
	Address <Adr>	[1..1]	±		63
	Currency <Ccy>	[0..1]	CodeSet	C1	64
	AccountIdentifier <Acctldr>	[0..1]			64
{Or	Card <Card>	[1..1]	Text		65
Or	MSISDN <MSISDN>	[1..1]	Text		65
Or	Email <EMail>	[1..1]	Text		65
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	65

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		66
Or	UPIC <UPIC>	[1..1]	IdentifierSet		66
Or	Domestic <Dmst>	[1..1]	Text		66
Or}	Other <Othr>	[1..1]	Text		66
	Servicer <Svcr>	[0..1]			66
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	66
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		67
	AccountTo <AcctTo>	[0..1]			67
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		68
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		69
	AccountName <AcctNm>	[0..1]	Text		69
	AccountOwner <AcctOwnr>	[0..1]			70
	Name <Nm>	[1..1]	Text		70
	Address <Adr>	[1..1]	±		70
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	AccountIdentifier <AcctIdr>	[0..1]			71
{Or	Card <Card>	[1..1]	Text		71
Or	MSISDN <MSISDN>	[1..1]	Text		71
Or	EMail <EMail>	[1..1]	Text		71
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	71
Or	BBAN <BBAN>	[1..1]	IdentifierSet		72
Or	UPIC <UPIC>	[1..1]	IdentifierSet		72
Or	Domestic <Dmst>	[1..1]	Text		72
Or}	Other <Othr>	[1..1]	Text		72
	Servicer <Svcr>	[0..1]			72
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	73
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		73
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		73
	SupplementaryData <SplmtryData>	[0..*]	±	C5	73

2.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <Sc/SctyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrdhldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

2.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction124** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		36
	TransactionType <TxTp>	[0..1]	CodeSet		37
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		37
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		38
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		38
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		39
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		39
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		39
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		39
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		39
	TransactionIdentification <TxId>	[1..1]	±		39
	OriginalTransaction <OrgnlTx>	[0..1]	±		40
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		40
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		40
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		40
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		41
	TransactionDetails <TxDtls>	[1..1]			41
	Currency <Ccy>	[0..1]	CodeSet	C1	43
	TotalAmount <TtlAmt>	[1..1]	Amount		44
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		44
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		44
	DetailedAmount <DtldAmt>	[0..1]	±		44
	RequestedAmount <ReqdAmt>	[0..1]	Amount		45
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		45
	InvoiceAmount <InvAmt>	[0..1]	Amount		45
	ValidityDate <VldtyDt>	[0..1]	Date		45
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		45
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		46
	AccountType <AcctTp>	[0..1]	CodeSet		46
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			47
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		49

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			49
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		51
	TargetCurrency <TrgtCcy>	[1..1]			51
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	51
	NumericCode <NmrcCd>	[1..1]	Text		51
	Decimal <Dcml>	[1..1]	Quantity		51
	Name <Nm>	[0..1]	Text		51
	ResultingAmount <RsltAmt>	[0..1]	Amount		52
	ExchangeRate <XchgRate>	[1..1]	Rate		52
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		52
	QuotationDate <QtnDt>	[0..1]	DateTime		52
	ValidFrom <VldFr>	[0..1]	DateTime		52
	ValidUntil <VldUntil>	[0..1]	DateTime		52
	SourceCurrency <SrcCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	53
	NumericCode <NmrcCd>	[0..1]	Text		53
	Decimal <Dcml>	[0..1]	Quantity		53
	Name <Nm>	[0..1]	Text		53
	ApplicableBinRange <AplblBinRg>	[0..*]			53
	LowerBin <LwrBin>	[1..1]	Text		54
	HigherBin <HghrBin>	[1..1]	Text		54
	OriginalAmount <OrgnlAmt>	[0..1]			54
	ActualAmount <ActlAmt>	[0..1]	Amount		54
	MinimumAmount <MinAmt>	[0..1]	Amount		54
	MaximumAmount <MaxAmt>	[0..1]	Amount		54
	CommissionDetails <ComssnDtls>	[0..*]			55
	Amount <Amt>	[1..1]	Amount		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	MarkUpDetails <MrkUpDtls>	[0..*]			55
	Rate <Rate>	[1..1]	Rate		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		55
	Instalment <Instlmt>	[0..*]	±		56
	AggregationTransaction <AggtnTx>	[0..1]	±		57
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		58
	SaleItem <SaleItm>	[0..*]	±		58
	DeliveryLocation <DlvryLctn>	[0..1]	Text		59
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		59
	AdditionalInformation <AddtlInf>	[0..*]			59
	Identification <Id>	[1..1]	Text		60
	Value <Val>	[0..1]	Binary		60
	ProtectedValue <PrctcdVal>	[0..1]	±		60
	Type <Tp>	[0..1]	Text		60
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		60
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		61
	AccountFrom <AcctFr>	[0..1]			61
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		61
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		62
	AccountName <AcctNm>	[0..1]	Text		63
	AccountOwner <AcctOwnr>	[0..1]			63
	Name <Nm>	[1..1]	Text		63
	Address <Adr>	[1..1]	±		63
	Currency <Ccy>	[0..1]	CodeSet	C1	64
	AccountIdentifier <AcctIdr>	[0..1]			64
{Or	Card <Card>	[1..1]	Text		65
Or	MSISDN <MSISDN>	[1..1]	Text		65
Or	EMail <EMail>	[1..1]	Text		65
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	65
Or	BBAN <BBAN>	[1..1]	IdentifierSet		66
Or	UPIC <UPIC>	[1..1]	IdentifierSet		66
Or	Domestic <Dmst>	[1..1]	Text		66
Or}	Other <Othr>	[1..1]	Text		66

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Servicer <Svcr>	[0..1]			66
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	66
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		67
	AccountTo <AcctTo>	[0..1]			67
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		68
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		69
	AccountName <AcctNm>	[0..1]	Text		69
	AccountOwner <AcctOwnr>	[0..1]			70
	Name <Nm>	[1..1]	Text		70
	Address <Adr>	[1..1]	±		70
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	AccountIdentifier <AcctIdr>	[0..1]			71
{Or	Card <Card>	[1..1]	Text		71
Or	MSISDN <MSISDN>	[1..1]	Text		71
Or	EMail <EMail>	[1..1]	Text		71
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	71
Or	BBAN <BBAN>	[1..1]	IdentifierSet		72
Or	UPIC <UPIC>	[1..1]	IdentifierSet		72
Or	Domestic <Dmst>	[1..1]	Text		72
Or}	Other <Othr>	[1..1]	Text		72
	Servicer <Svcr>	[0..1]			72
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	73
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		73
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		73

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 1516):

- *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 1477

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 1479

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.

CodeName	Name	Definition
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 1478

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 1516):

- *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 1523

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 1516):

- *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 1520

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 1520

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

2.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

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 1520

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 1520

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 1519

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 1519

2.4.2.3.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	43
	TotalAmount <TtlAmt>	[1..1]	Amount		44
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		44
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		44
	DetailedAmount <DtldAmt>	[0..1]	±		44
	RequestedAmount <ReqdAmt>	[0..1]	Amount		45
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		45
	InvoiceAmount <InvcAmt>	[0..1]	Amount		45
	ValidityDate <VldtyDt>	[0..1]	Date		45
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		45
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		46
	AccountType <AcctTp>	[0..1]	CodeSet		46
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			47
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		49
	Conversion <Convs>	[0..1]			49
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		51
	TargetCurrency <TrgtCcy>	[1..1]			51
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	51
	NumericCode <NmrcCd>	[1..1]	Text		51
	Decimal <Dcml>	[1..1]	Quantity		51
	Name <Nm>	[0..1]	Text		51
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		52
	ExchangeRate <XchgRate>	[1..1]	Rate		52
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		52
	QuotationDate <QtnDt>	[0..1]	DateTime		52
	ValidFrom <VldFr>	[0..1]	DateTime		52
	ValidUntil <VldUntil>	[0..1]	DateTime		52
	SourceCurrency <SrcCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	53
	NumericCode <NmrcCd>	[0..1]	Text		53
	Decimal <Dcml>	[0..1]	Quantity		53

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		53
	ApplicableBinRange <AplblBinRg>	[0..*]			53
	LowerBin <LwrBin>	[1..1]	Text		54
	HigherBin <HghrBin>	[1..1]	Text		54
	OriginalAmount <OrgnlAmt>	[0..1]			54
	ActualAmount <ActlAmt>	[0..1]	Amount		54
	MinimumAmount <MinAmt>	[0..1]	Amount		54
	MaximumAmount <MaxAmt>	[0..1]	Amount		54
	CommissionDetails <ComssnDtls>	[0..*]			55
	Amount <Amt>	[1..1]	Amount		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	MarkUpDetails <MrkUpDtls>	[0..*]			55
	Rate <Rate>	[1..1]	Rate		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	DeclarationDetails <DclrtDtls>	[0..*]	±		55
	Instalment <Instlmt>	[0..*]	±		56
	AggregationTransaction <AggtnTx>	[0..1]	±		57
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		58
	SaleItem <SaleItm>	[0..*]	±		58
	DeliveryLocation <DlvryLctn>	[0..1]	Text		59
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		59
	AdditionalInformation <AddtlInf>	[0..*]			59
	Identification <Id>	[1..1]	Text		60
	Value <Val>	[0..1]	Binary		60
	ProtectedValue <PrctdVal>	[0..1]	±		60
	Type <Tp>	[0..1]	Text		60
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		60

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 1461

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 1457

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 1457

2.4.2.3.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

2.4.2.3.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

2.4.2.3.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

2.4.2.3.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

2.4.2.3.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

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 1520

2.4.2.3.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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 **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		49
	Conversion <Convs>	[0..1]			49
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		51
	TargetCurrency <TrgtCcy>	[1..1]			51
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	51
	NumericCode <NmrcCd>	[1..1]	Text		51
	Decimal <Dcml>	[1..1]	Quantity		51
	Name <Nm>	[0..1]	Text		51
	ResultingAmount <RsltgAmt>	[0..1]	Amount		52
	ExchangeRate <XchgRate>	[1..1]	Rate		52
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		52
	QuotationDate <QtnDt>	[0..1]	DateTime		52
	ValidFrom <VldFr>	[0..1]	DateTime		52
	ValidUntil <VldUntil>	[0..1]	DateTime		52
	SourceCurrency <SrcCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	53
	NumericCode <NmrcCd>	[0..1]	Text		53
	Decimal <Dcml>	[0..1]	Quantity		53
	Name <Nm>	[0..1]	Text		53
	ApplicableBinRange <AplblBinRg>	[0..*]			53
	LowerBin <LwrBin>	[1..1]	Text		54
	HigherBin <HghrBin>	[1..1]	Text		54
	OriginalAmount <OrgnlAmt>	[0..1]			54
	ActualAmount <ActlAmt>	[0..1]	Amount		54
	MinimumAmount <MinAmt>	[0..1]	Amount		54
	MaximumAmount <MaxAmt>	[0..1]	Amount		54
	CommissionDetails <ComssnDtls>	[0..*]			55
	Amount <Amt>	[1..1]	Amount		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	MarkUpDetails <MrkUpDtls>	[0..*]			55

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	DeclarationDetails <DclrtnDtls>	[0..*]	±		55

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 1516):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		51
	TargetCurrency <TrgtCcy>	[1..1]			51
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	51
	NumericCode <NmrcCd>	[1..1]	Text		51
	Decimal <Dcml>	[1..1]	Quantity		51
	Name <Nm>	[0..1]	Text		51
	ResultingAmount <RsltAmt>	[0..1]	Amount		52
	ExchangeRate <XchgRate>	[1..1]	Rate		52
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		52
	QuotationDate <QtnDt>	[0..1]	DateTime		52
	ValidFrom <VldFr>	[0..1]	DateTime		52
	ValidUntil <VldUntil>	[0..1]	DateTime		52
	SourceCurrency <SrcCcy>	[1..1]			52
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	53
	NumericCode <NmrcCd>	[0..1]	Text		53
	Decimal <Dcml>	[0..1]	Quantity		53
	Name <Nm>	[0..1]	Text		53
	ApplicableBinRange <AplBlBinRg>	[0..*]			53
	LowerBin <LwrBin>	[1..1]	Text		54
	HigherBin <HghrBin>	[1..1]	Text		54
	OriginalAmount <OrgnlAmt>	[0..1]			54
	ActualAmount <ActlAmt>	[0..1]	Amount		54
	MinimumAmount <MinAmt>	[0..1]	Amount		54
	MaximumAmount <MaxAmt>	[0..1]	Amount		54
	CommissionDetails <ComssnDtls>	[0..*]			55
	Amount <Amt>	[1..1]	Amount		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	MarkUpDetails <MrkUpDtls>	[0..*]			55
	Rate <Rate>	[1..1]	Rate		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55
	DeclarationDetails <DclrtDtls>	[0..*]	±		55

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 1520

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	51
	NumericCode <NmrcCd>	[1..1]	Text		51
	Decimal <Dcml>	[1..1]	Quantity		51
	Name <Nm>	[0..1]	Text		51

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 1461

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 1517

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 1516

2.4.2.3.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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 1457

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 1517

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 1517

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 1514

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 1514

2.4.2.3.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	53
	NumericCode <NmrcCd>	[0..1]	Text		53
	Decimal <Dcml>	[0..1]	Quantity		53
	Name <Nm>	[0..1]	Text		53

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 1461

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 1517

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 1516

2.4.2.3.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		54
	HigherBin <HghrBin>	[1..1]	Text		54

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 1519

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 1519

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		54
	MinimumAmount <MinAmt>	[0..1]	Amount		54
	MaximumAmount <MaxAmt>	[0..1]	Amount		54

2.4.2.3.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55

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 1457

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 1520

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		55
	AdditionalInformation <AddtlInf>	[0..1]	Text		55

2.4.2.3.17.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

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 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

2.4.2.3.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

2.4.2.3.17.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

2.4.2.3.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

2.4.2.3.17.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

2.4.2.3.17.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

2.4.2.3.17.19 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 1516

2.4.2.3.17.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		60
	Value <Val>	[0..1]	Binary		60
	ProtectedValue <PrctcdVal>	[0..1]	±		60
	Type <Tp>	[0..1]	Text		60

2.4.2.3.17.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

2.4.2.3.17.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

2.4.2.3.17.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

2.4.2.3.17.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

2.4.2.3.17.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

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 1522

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		61
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		62
	AccountName <AcctNm>	[0..1]	Text		63
	AccountOwner <AcctOwnr>	[0..1]			63
	Name <Nm>	[1..1]	Text		63
	Address <Adr>	[1..1]	±		63
	Currency <Ccy>	[0..1]	CodeSet	C1	64
	AccountIdentifier <AcctIdr>	[0..1]			64
{Or	Card <Card>	[1..1]	Text		65
Or	MSISDN <MSISDN>	[1..1]	Text		65
Or	EMail <EMail>	[1..1]	Text		65
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	65
Or	BBAN <BBAN>	[1..1]	IdentifierSet		66
Or	UPIC <UPIC>	[1..1]	IdentifierSet		66
Or	Domestic <Dmst>	[1..1]	Text		66
Or}	Other <Othr>	[1..1]	Text		66
	Servicer <Svcr>	[0..1]			66
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	66
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		67

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 1460

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

2.4.2.3.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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

CodeName	Name	Definition
FLTC	FleetCard	Fleet card account.

2.4.2.3.19.3 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 1522

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		63
	Address <Adr>	[1..1]	±		63

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 1522

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 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

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 1461

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		65
Or	MSISDN <MSISDN>	[1..1]	Text		65
Or	EEmail <EMail>	[1..1]	Text		65
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	65
Or	BBAN <BBAN>	[1..1]	IdentifierSet		66
Or	UPIC <UPIC>	[1..1]	IdentifierSet		66
Or	Domestic <Dmst>	[1..1]	Text		66
Or}	Other <Othr>	[1..1]	Text		66

2.4.2.3.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

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 1519

2.4.2.3.19.6.3 EEmail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

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 1515

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 1515

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 1520

2.4.2.3.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

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	66
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		67

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 1514

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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

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		68
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		69
	AccountName <AcctNm>	[0..1]	Text		69
	AccountOwner <AcctOwnr>	[0..1]			70
	Name <Nm>	[1..1]	Text		70
	Address <Adr>	[1..1]	±		70
	Currency <Ccy>	[0..1]	CodeSet	C1	70
	AccountIdentifier <AcctIdr>	[0..1]			71
{Or	Card <Card>	[1..1]	Text		71
Or	MSISDN <MSISDN>	[1..1]	Text		71
Or	EMail <EMail>	[1..1]	Text		71
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	71
Or	BBAN <BBAN>	[1..1]	IdentifierSet		72
Or	UPIC <UPIC>	[1..1]	IdentifierSet		72
Or	Domestic <Dmst>	[1..1]	Text		72
Or}	Other <Othr>	[1..1]	Text		72
	Servicer <Svcr>	[0..1]			72
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	73
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		73

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 1460

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 1474

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 1522

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		70
	Address <Adr>	[1..1]	±		70

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 1522

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 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

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 1461

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		71
Or	MSISDN <MSISDN>	[1..1]	Text		71
Or	EMail <EMail>	[1..1]	Text		71
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	71
Or	BBAN <BBAN>	[1..1]	IdentifierSet		72
Or	UPIC <UPIC>	[1..1]	IdentifierSet		72
Or	Domestic <Dmst>	[1..1]	Text		72
Or}	Other <Othr>	[1..1]	Text		72

2.4.2.3.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

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 1519

2.4.2.3.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

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 1515

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 1515

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 1520

2.4.2.3.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

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	73
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		73

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 1514

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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

2.4.2.3.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

2.4.2.4 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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

3 caaa.002.001.12 AcceptorAuthorisationResponseV12

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 AcceptorAuthorisationResponseV12 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]			81
	MessageFunction <MsgFctn>	[1..1]	CodeSet		82
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		83
	ExchangeIdentification <XchgId>	[1..1]	Quantity		83
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		83
	CreationDateTime <CreDtTm>	[1..1]	DateTime		83
	InitiatingParty <InitgPty>	[1..1]	±		84
	RecipientParty <RcptPty>	[0..1]	±		84
	Traceability <Tracblt>	[0..*]	±		85
	AuthorisationResponse <AuthstnRspn>	[1..1]			85
	Environment <Envt>	[1..1]	±		90
	Transaction <Tx>	[1..1]			96
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		99
	TransactionIdentification <TxId>	[1..1]	±		99
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		99
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		99
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		99
	InterchangeData <IntrchgData>	[0..1]	Text		99
	TransactionDetails <TxDtls>	[1..1]			100
	Currency <Ccy>	[0..1]	CodeSet	C1	102
	TotalAmount <TtlAmt>	[1..1]	Amount		103
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		103
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		103
	DetailedAmount <DtldAmt>	[0..1]	±		103
	RequestedAmount <ReqdAmt>	[0..1]	Amount		104
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		104
	InvoiceAmount <InvcAmt>	[0..1]	Amount		104
	ValidityDate <VldtyDt>	[0..1]	Date		104
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		104

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		105
	AccountType <AcctTp>	[0..1]	CodeSet		105
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			106
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		108
	Conversion <Convs>	[0..1]			108
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		110
	TargetCurrency <TrgtCcy>	[1..1]			110
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	110
	NumericCode <NmrcCd>	[1..1]	Text		110
	Decimal <Dcml>	[1..1]	Quantity		110
	Name <Nm>	[0..1]	Text		110
	ResultingAmount <RsItgAmt>	[0..1]	Amount		111
	ExchangeRate <XchgRate>	[1..1]	Rate		111
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		111
	QuotationDate <QtnDt>	[0..1]	DateTime		111
	ValidFrom <VldFr>	[0..1]	DateTime		111
	ValidUntil <VldUntil>	[0..1]	DateTime		111
	SourceCurrency <SrcCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	112
	NumericCode <NmrcCd>	[0..1]	Text		112
	Decimal <Dcml>	[0..1]	Quantity		112
	Name <Nm>	[0..1]	Text		112
	ApplicableBinRange <AplblBinRg>	[0..*]			112
	LowerBin <LwrBin>	[1..1]	Text		113
	HigherBin <HghrBin>	[1..1]	Text		113
	OriginalAmount <OrgnlAmt>	[0..1]			113
	ActualAmount <ActlAmt>	[0..1]	Amount		113
	MinimumAmount <MinAmt>	[0..1]	Amount		113
	MaximumAmount <MaxAmt>	[0..1]	Amount		113
	CommissionDetails <ComssnDtls>	[0..*]			114
	Amount <Amt>	[1..1]	Amount		114

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	MarkUpDetails <MrkUpDtls>	[0..*]			114
	Rate <Rate>	[1..1]	Rate		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	DeclarationDetails <DclrtDtls>	[0..*]	±		114
	Instalment <Instlmt>	[0..*]	±		115
	AggregationTransaction <AggtTx>	[0..1]	±		116
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		117
	SaleItem <Saleitm>	[0..*]	±		117
	DeliveryLocation <DlvryLctn>	[0..1]	Text		118
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		118
	AdditionalInformation <AddtlInf>	[0..*]			118
	Identification <Id>	[1..1]	Text		119
	Value <Val>	[0..1]	Binary		119
	ProtectedValue <PrctdVal>	[0..1]	±		119
	Type <Tp>	[0..1]	Text		119
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		119
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		120
	TransactionResponse <TxRspn>	[1..1]			120
	AuthorisationResult <AuthstnRslt>	[1..1]			123
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		123
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			124
	Response <Rspn>	[1..1]	CodeSet		124
	ResponseReason <RspnRsn>	[0..1]	Text		124
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125
	TMSTrigger <TMSTrggr>	[0..1]			125
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		125
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			126
	Method <Mtd>	[1..1]	CodeSet		126
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		127
	Result <Rslt>	[0..1]	CodeSet		127
	AdditionalResult <AddtlRslt>	[0..1]	Text		128
	AllowedProductCode <AllwdPdctCd>	[0..*]			128
	ProductCode <PdctCd>	[1..1]	Text		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			128
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			129
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129
	AmountLimit <AmtLmt>	[0..1]	Amount		129
	QuantityLimit <QtyLmt>	[0..1]	Quantity		130
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		130
	Balance <Bal>	[0..1]	±		131
	ProtectedBalance <PrctcdBal>	[0..1]	±		132
	Action <Actn>	[0..*]			132
	ActionType <ActnTp>	[1..1]	CodeSet		132
	MessageToPresent <MsgToPres>	[0..1]	±		133
	RemoteAccess <RmotAccs>	[0..1]	±		134
	Retry <Rtry>	[0..1]	±		135
	TimeCondition <TmCond>	[0..1]	±		135
	CurrencyConversionEligibility <CcyConvslgblty>	[0..1]			135
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		137
	TargetCurrency <TrgtCcy>	[1..1]			137
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[1..1]	Text		137
	Decimal <Dcml>	[1..1]	Quantity		137

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		138
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		138
	ExchangeRate <XchgRate>	[1..1]	Rate		138
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		138
	QuotationDate <QtnDt>	[0..1]	DateTime		138
	ValidFrom <VldFr>	[0..1]	DateTime		138
	ValidUntil <VldUntil>	[0..1]	DateTime		138
	SourceCurrency <SrcCcy>	[1..1]			138
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[0..1]	Text		139
	Decimal <Dcml>	[0..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139
	ApplicableBinRange <AplblBinRg>	[0..*]			139
	LowerBin <LwrBin>	[1..1]	Text		140
	HigherBin <HghrBin>	[1..1]	Text		140
	OriginalAmount <OrgnlAmt>	[0..1]			140
	ActualAmount <ActlAmt>	[0..1]	Amount		140
	MinimumAmount <MinAmt>	[0..1]	Amount		140
	MaximumAmount <MaxAmt>	[0..1]	Amount		140
	CommissionDetails <ComssnDtls>	[0..*]			141
	Amount <Amt>	[1..1]	Amount		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141
	MarkUpDetails <MrkUpDtls>	[0..*]			141
	Rate <Rate>	[1..1]	Rate		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141
	DeclarationDetails <DclrtDtls>	[0..*]	±		141
	SupplementaryData <SplmtryData>	[0..*]	±	C3	142
	SecurityTrailer <SctyTrlr>	[0..1]	±		142

3.3 Constraints

C1 ActiveCurrency

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

C2 Country

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

C3 SupplementaryDataRule

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

C4 ValidationByTable

Must be a valid terrestrial language.

C5 ValidationByTable

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

3.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

3.4.1 Header <Hdr>

Presence: [1..1]

Definition: Authorisation response message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		82
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		83
	ExchangeIdentification <XchgId>	[1..1]	Quantity		83
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		83
	CreationDateTime <CreDtTm>	[1..1]	DateTime		83
	InitiatingParty <InitgPty>	[1..1]	±		84
	RecipientParty <RcptPty>	[0..1]	±		84
	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 1491

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.

3.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1522

3.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

3.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

3.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

3.4.2 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Information related to the response of the authorisation.

AuthorisationResponse <AuthstnRspn> contains the following **AcceptorAuthorisationResponse12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		90
	Transaction <Tx>	[1..1]			96
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		99
	TransactionIdentification <TxId>	[1..1]	±		99
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		99
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		99
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		99
	InterchangeData <IntrchnngData>	[0..1]	Text		99
	TransactionDetails <TxDtls>	[1..1]			100
	Currency <Ccy>	[0..1]	CodeSet	C1	102
	TotalAmount <TtlAmt>	[1..1]	Amount		103
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		103
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		103
	DetailedAmount <DtldAmt>	[0..1]	±		103
	RequestedAmount <ReqdAmt>	[0..1]	Amount		104
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		104
	InvoiceAmount <InvcAmt>	[0..1]	Amount		104
	ValidityDate <VldtyDt>	[0..1]	Date		104
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		104
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		105
	AccountType <AcctTp>	[0..1]	CodeSet		105
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			106
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		108
	Conversion <Convrs>	[0..1]			108
	CurrencyConversionIdentification <CcyConvrsId>	[0..1]	Text		110
	TargetCurrency <TrgtCcy>	[1..1]			110
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	110
	NumericCode <NmrcCd>	[1..1]	Text		110
	Decimal <Dcml>	[1..1]	Quantity		110
	Name <Nm>	[0..1]	Text		110

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		111
	ExchangeRate <XchgRate>	[1..1]	Rate		111
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		111
	QuotationDate <QtnDt>	[0..1]	DateTime		111
	ValidFrom <VldFr>	[0..1]	DateTime		111
	ValidUntil <VldUntil>	[0..1]	DateTime		111
	SourceCurrency <SrcCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	112
	NumericCode <NmrcCd>	[0..1]	Text		112
	Decimal <Dcml>	[0..1]	Quantity		112
	Name <Nm>	[0..1]	Text		112
	ApplicableBinRange <AplblBinRg>	[0..*]			112
	LowerBin <LwrBin>	[1..1]	Text		113
	HigherBin <HghrBin>	[1..1]	Text		113
	OriginalAmount <OrgnlAmt>	[0..1]			113
	ActualAmount <ActlAmt>	[0..1]	Amount		113
	MinimumAmount <MinAmt>	[0..1]	Amount		113
	MaximumAmount <MaxAmt>	[0..1]	Amount		113
	CommissionDetails <ComssnDtls>	[0..*]			114
	Amount <Amt>	[1..1]	Amount		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	MarkUpDetails <MrkUpDtls>	[0..*]			114
	Rate <Rate>	[1..1]	Rate		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	DeclarationDetails <Dclrtndtls>	[0..*]	±		114
	Instalment <Instlmt>	[0..*]	±		115
	AggregationTransaction <AggtnTx>	[0..1]	±		116
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		117
	SaleItem <Saleitm>	[0..*]	±		117
	DeliveryLocation <DlvryLctn>	[0..1]	Text		118
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		118

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			118
	Identification <Id>	[1..1]	Text		119
	Value <Val>	[0..1]	Binary		119
	ProtectedValue <PrtctdVal>	[0..1]	±		119
	Type <Tp>	[0..1]	Text		119
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		119
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		120
	TransactionResponse <TxRspn>	[1..1]			120
	AuthorisationResult <AuthstnRslt>	[1..1]			123
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		123
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			124
	Response <Rspn>	[1..1]	CodeSet		124
	ResponseReason <RspnRsn>	[0..1]	Text		124
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125
	TMSTrigger <TMSTrggr>	[0..1]			125
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		125
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			126
	Method <Mtd>	[1..1]	CodeSet		126
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		127
	Result <Rslt>	[0..1]	CodeSet		127
	AdditionalResult <AddtlRslt>	[0..1]	Text		128
	AllowedProductCode <AllwdPdctCd>	[0..*]			128
	ProductCode <PdctCd>	[1..1]	Text		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			128
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			129
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129
	AmountLimit <AmtLmt>	[0..1]	Amount		129
	QuantityLimit <QtyLmt>	[0..1]	Quantity		130
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		130
	Balance <Bal>	[0..1]	±		131
	ProtectedBalance <PrctdBal>	[0..1]	±		132
	Action <Actn>	[0..*]			132
	ActionType <ActnTp>	[1..1]	CodeSet		132
	MessageToPresent <MsgToPres>	[0..1]	±		133
	RemoteAccess <RmotAccs>	[0..1]	±		134
	Retry <Rtry>	[0..1]	±		135
	TimeCondition <TmCond>	[0..1]	±		135
	CurrencyConversionEligibility <CcyConvsElgbty>	[0..1]			135
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		137
	TargetCurrency <TrgtCcy>	[1..1]			137
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[1..1]	Text		137
	Decimal <Dcml>	[1..1]	Quantity		137
	Name <Nm>	[0..1]	Text		138
	ResultingAmount <RsltAmt>	[0..1]	Amount		138
	ExchangeRate <XchgRate>	[1..1]	Rate		138
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		138
	QuotationDate <QtnDt>	[0..1]	DateTime		138
	ValidFrom <VldFr>	[0..1]	DateTime		138
	ValidUntil <VldUntil>	[0..1]	DateTime		138
	SourceCurrency <SrcCcy>	[1..1]			138
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[0..1]	Text		139
	Decimal <Dcml>	[0..1]	Quantity		139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		139
	ApplicableBinRange <ApblBinRg>	[0..*]			139
	LowerBin <LwrBin>	[1..1]	Text		140
	HigherBin <HghrBin>	[1..1]	Text		140
	OriginalAmount <OrgnlAmt>	[0..1]			140
	ActualAmount <ActlAmt>	[0..1]	Amount		140
	MinimumAmount <MinAmt>	[0..1]	Amount		140
	MaximumAmount <MaxAmt>	[0..1]	Amount		140
	CommissionDetails <ComssnDtls>	[0..*]			141
	Amount <Amt>	[1..1]	Amount		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141
	MarkUpDetails <MrkUpDtls>	[0..*]			141
	Rate <Rate>	[1..1]	Rate		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141
	DeclarationDetails <DclrtnDtls>	[0..*]	±		141
	SupplementaryData <SplmtryData>	[0..*]	±	C3	142

3.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrdhldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 **CardPaymentTransaction129** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		99
	TransactionIdentification <TxId>	[1..1]	±		99
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		99
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		99
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		99
	InterchangeData <IntrchgData>	[0..1]	Text		99
	TransactionDetails <TxDtls>	[1..1]			100
	Currency <Ccy>	[0..1]	CodeSet	C1	102
	TotalAmount <TtlAmt>	[1..1]	Amount		103
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		103
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		103
	DetailedAmount <DtlAmt>	[0..1]	±		103
	RequestedAmount <ReqdAmt>	[0..1]	Amount		104
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		104
	InvoiceAmount <InvcAmt>	[0..1]	Amount		104
	ValidityDate <VldtyDt>	[0..1]	Date		104
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		104
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		105
	AccountType <AcctTp>	[0..1]	CodeSet		105
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			106
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		108
	Conversion <Convs>	[0..1]			108
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		110
	TargetCurrency <TrgtCcy>	[1..1]			110
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	110
	NumericCode <NmrcCd>	[1..1]	Text		110
	Decimal <Dcml>	[1..1]	Quantity		110
	Name <Nm>	[0..1]	Text		110
	ResultingAmount <RsltgAmt>	[0..1]	Amount		111
	ExchangeRate <XchgRate>	[1..1]	Rate		111
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		111

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		111
	ValidFrom <VldFr>	[0..1]	DateTime		111
	ValidUntil <VldUntil>	[0..1]	DateTime		111
	SourceCurrency <SrcCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	112
	NumericCode <NmrcCd>	[0..1]	Text		112
	Decimal <Dcml>	[0..1]	Quantity		112
	Name <Nm>	[0..1]	Text		112
	ApplicableBinRange <AplblBinRg>	[0..*]			112
	LowerBin <LwrBin>	[1..1]	Text		113
	HigherBin <HghrBin>	[1..1]	Text		113
	OriginalAmount <OrgnlAmt>	[0..1]			113
	ActualAmount <ActlAmt>	[0..1]	Amount		113
	MinimumAmount <MinAmt>	[0..1]	Amount		113
	MaximumAmount <MaxAmt>	[0..1]	Amount		113
	CommissionDetails <ComssnDtls>	[0..*]			114
	Amount <Amt>	[1..1]	Amount		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	MarkUpDetails <MrkUpDtls>	[0..*]			114
	Rate <Rate>	[1..1]	Rate		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	DeclarationDetails <Dclrtndtls>	[0..*]	±		114
	Instalment <Instlmt>	[0..*]	±		115
	AggregationTransaction <AggtnTx>	[0..1]	±		116
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		117
	SaleItem <Saleitm>	[0..*]	±		117
	DeliveryLocation <DlvryLctn>	[0..1]	Text		118
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		118
	AdditionalInformation <AddtlInf>	[0..*]			118
	Identification <Id>	[1..1]	Text		119
	Value <Val>	[0..1]	Binary		119

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		119
	Type <Tp>	[0..1]	Text		119
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		119
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		120

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

3.4.2.2.6 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

3.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	102
	TotalAmount <TtlAmt>	[1..1]	Amount		103
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		103
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		103
	DetailedAmount <DtldAmt>	[0..1]	±		103
	RequestedAmount <ReqdAmt>	[0..1]	Amount		104
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		104
	InvoiceAmount <InvcAmt>	[0..1]	Amount		104
	ValidityDate <VldtyDt>	[0..1]	Date		104
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		104
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		105
	AccountType <AcctTp>	[0..1]	CodeSet		105
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			106
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		108
	Conversion <Convs>	[0..1]			108
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		110
	TargetCurrency <TrgtCcy>	[1..1]			110
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	110
	NumericCode <NmrcCd>	[1..1]	Text		110
	Decimal <Dcml>	[1..1]	Quantity		110
	Name <Nm>	[0..1]	Text		110
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		111
	ExchangeRate <XchgRate>	[1..1]	Rate		111
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		111
	QuotationDate <QtnDt>	[0..1]	DateTime		111
	ValidFrom <VldFr>	[0..1]	DateTime		111
	ValidUntil <VldUntil>	[0..1]	DateTime		111
	SourceCurrency <SrcCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	112
	NumericCode <NmrcCd>	[0..1]	Text		112
	Decimal <Dcml>	[0..1]	Quantity		112

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		112
	ApplicableBinRange <AplblBinRg>	[0..*]			112
	LowerBin <LwrBin>	[1..1]	Text		113
	HigherBin <HghrBin>	[1..1]	Text		113
	OriginalAmount <OrgnlAmt>	[0..1]			113
	ActualAmount <ActlAmt>	[0..1]	Amount		113
	MinimumAmount <MinAmt>	[0..1]	Amount		113
	MaximumAmount <MaxAmt>	[0..1]	Amount		113
	CommissionDetails <ComssnDtls>	[0..*]			114
	Amount <Amt>	[1..1]	Amount		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	MarkUpDetails <MrkUpDtls>	[0..*]			114
	Rate <Rate>	[1..1]	Rate		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	DeclarationDetails <Dclrtndtls>	[0..*]	±		114
	Instalment <Instlmt>	[0..*]	±		115
	AggregationTransaction <AggtTx>	[0..1]	±		116
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		117
	SaleItem <Saleitm>	[0..*]	±		117
	DeliveryLocation <DlvryLctn>	[0..1]	Text		118
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		118
	AdditionalInformation <AddtlInf>	[0..*]			118
	Identification <Id>	[1..1]	Text		119
	Value <Val>	[0..1]	Binary		119
	ProtectedValue <PrctdVal>	[0..1]	±		119
	Type <Tp>	[0..1]	Text		119
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		119

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 1461

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 1457

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 1457

3.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

3.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

3.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

3.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

3.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

3.4.2.2.7.11 UnattendedLevelCategory <UatnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

3.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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 **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		108
	Conversion <Convs>	[0..1]			108
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		110
	TargetCurrency <TrgtCcy>	[1..1]			110
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	110
	NumericCode <NmrcCd>	[1..1]	Text		110
	Decimal <Dcml>	[1..1]	Quantity		110
	Name <Nm>	[0..1]	Text		110
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		111
	ExchangeRate <XchgRate>	[1..1]	Rate		111
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		111
	QuotationDate <QtnDt>	[0..1]	DateTime		111
	ValidFrom <VldFr>	[0..1]	DateTime		111
	ValidUntil <VldUntil>	[0..1]	DateTime		111
	SourceCurrency <SrcCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	112
	NumericCode <NmrcCd>	[0..1]	Text		112
	Decimal <Dcml>	[0..1]	Quantity		112
	Name <Nm>	[0..1]	Text		112
	ApplicableBinRange <AplblBinRg>	[0..*]			112
	LowerBin <LwrBin>	[1..1]	Text		113
	HigherBin <HghrBin>	[1..1]	Text		113
	OriginalAmount <OrgnlAmt>	[0..1]			113
	ActualAmount <ActlAmt>	[0..1]	Amount		113
	MinimumAmount <MinAmt>	[0..1]	Amount		113
	MaximumAmount <MaxAmt>	[0..1]	Amount		113
	CommissionDetails <ComssnDtls>	[0..*]			114
	Amount <Amt>	[1..1]	Amount		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	MarkUpDetails <MrkUpDtls>	[0..*]			114

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	DeclarationDetails <DclrtnDtls>	[0..*]	±		114

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 1516):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		110
	TargetCurrency <TrgtCcy>	[1..1]			110
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	110
	NumericCode <NmrcCd>	[1..1]	Text		110
	Decimal <Dcml>	[1..1]	Quantity		110
	Name <Nm>	[0..1]	Text		110
	ResultingAmount <RsltAmt>	[0..1]	Amount		111
	ExchangeRate <XchgRate>	[1..1]	Rate		111
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		111
	QuotationDate <QtnDt>	[0..1]	DateTime		111
	ValidFrom <VldFr>	[0..1]	DateTime		111
	ValidUntil <VldUntil>	[0..1]	DateTime		111
	SourceCurrency <SrcCcy>	[1..1]			111
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	112
	NumericCode <NmrcCd>	[0..1]	Text		112
	Decimal <Dcml>	[0..1]	Quantity		112
	Name <Nm>	[0..1]	Text		112
	ApplicableBinRange <AplblBinRg>	[0..*]			112
	LowerBin <LwrBin>	[1..1]	Text		113
	HigherBin <HghrBin>	[1..1]	Text		113
	OriginalAmount <OrgnlAmt>	[0..1]			113
	ActualAmount <ActlAmt>	[0..1]	Amount		113
	MinimumAmount <MinAmt>	[0..1]	Amount		113
	MaximumAmount <MaxAmt>	[0..1]	Amount		113
	CommissionDetails <ComssnDtls>	[0..*]			114
	Amount <Amt>	[1..1]	Amount		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	MarkUpDetails <MrkUpDtls>	[0..*]			114
	Rate <Rate>	[1..1]	Rate		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114
	DeclarationDetails <DclrtDtls>	[0..*]	±		114

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 1520

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	110
	NumericCode <NmrcCd>	[1..1]	Text		110
	Decimal <Dcml>	[1..1]	Quantity		110
	Name <Nm>	[0..1]	Text		110

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 1461

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 1517

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 1516

3.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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 1457

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 1517

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 1517

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 1514

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 1514

3.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	112
	NumericCode <NmrcCd>	[0..1]	Text		112
	Decimal <Dcml>	[0..1]	Quantity		112
	Name <Nm>	[0..1]	Text		112

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 1461

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 1517

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 1516

3.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		113
	HigherBin <HghrBin>	[1..1]	Text		113

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 1519

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 1519

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		113
	MinimumAmount <MinAmt>	[0..1]	Amount		113
	MaximumAmount <MaxAmt>	[0..1]	Amount		113

3.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114

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 1457

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 1520

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		114
	AdditionalInformation <AddtlInf>	[0..1]	Text		114

3.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

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 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

3.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

3.4.2.2.7.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

3.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

3.4.2.2.7.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

3.4.2.2.7.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

3.4.2.2.7.19 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 1516

3.4.2.2.7.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		119
	Value <Val>	[0..1]	Binary		119
	ProtectedValue <PrctcdVal>	[0..1]	±		119
	Type <Tp>	[0..1]	Text		119

3.4.2.2.7.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

3.4.2.2.7.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

3.4.2.2.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

3.4.2.2.7.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

3.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

3.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1522

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 **CardPaymentTransaction128** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			123
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		123
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			124
	Response <Rspn>	[1..1]	CodeSet		124
	ResponseReason <RspnRsn>	[0..1]	Text		124
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125
	TMSTrigger <TMSTrggr>	[0..1]			125
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		125
	TMSIdentification <TMSId>	[0..1]	Text		126
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		126
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			126
	Method <Mtd>	[1..1]	CodeSet		126
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		127
	Result <Rslt>	[0..1]	CodeSet		127
	AdditionalResult <AddtlRslt>	[0..1]	Text		128
	AllowedProductCode <AllwdPdctCd>	[0..*]			128
	ProductCode <PdctCd>	[1..1]	Text		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			128
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			129
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129
	AmountLimit <AmtLmt>	[0..1]	Amount		129
	QuantityLimit <QtyLmt>	[0..1]	Quantity		130
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		130
	Balance <Bal>	[0..1]	±		131
	ProtectedBalance <PrctdBal>	[0..1]	±		132

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..*]			132
	ActionType <ActnTp>	[1..1]	CodeSet		132
	MessageToPresent <MsgToPres>	[0..1]	±		133
	RemoteAccess <RmotAccs>	[0..1]	±		134
	Retry <Rtry>	[0..1]	±		135
	TimeCondition <TmCond>	[0..1]	±		135
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			135
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		137
	TargetCurrency <TrgtCcy>	[1..1]			137
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[1..1]	Text		137
	Decimal <Dcml>	[1..1]	Quantity		137
	Name <Nm>	[0..1]	Text		138
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		138
	ExchangeRate <XchgRate>	[1..1]	Rate		138
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		138
	QuotationDate <QtnDt>	[0..1]	DateTime		138
	ValidFrom <VldFr>	[0..1]	DateTime		138
	ValidUntil <VldUntil>	[0..1]	DateTime		138
	SourceCurrency <SrcCcy>	[1..1]			138
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	139
	NumericCode <NmrcCd>	[0..1]	Text		139
	Decimal <Dcml>	[0..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139
	ApplicableBinRange <AplblBinRg>	[0..*]			139
	LowerBin <LwrBin>	[1..1]	Text		140
	HigherBin <HghrBin>	[1..1]	Text		140
	OriginalAmount <OrgnlAmt>	[0..1]			140
	ActualAmount <ActlAmt>	[0..1]	Amount		140
	MinimumAmount <MinAmt>	[0..1]	Amount		140
	MaximumAmount <MaxAmt>	[0..1]	Amount		140

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			141
	Amount <Amt>	[1..1]	Amount		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141
	MarkUpDetails <MrkUpDtls>	[0..*]			141
	Rate <Rate>	[1..1]	Rate		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141
	DeclarationDetails <DclrtnDtls>	[0..*]	±		141

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]	±		123
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			124
	Response <Rspn>	[1..1]	CodeSet		124
	ResponseReason <RspnRsn>	[0..1]	Text		124
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		125
	AuthorisationCode <AuthstnCd>	[0..1]	Text		125
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		125
	TMSTrigger <TMSTrggr>	[0..1]			125
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		125
	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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

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		124
	ResponseReason <RspnRsn>	[0..1]	Text		124
	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 1503

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 1520

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 1519

3.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

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 1516):

- *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		125
	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 1508

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 1520

3.4.2.3.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

3.4.2.3.2 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

Definition: Result of the verifications performed by the issuer to deliver or decline the authorisation.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		126
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		127
	Result <RsIt>	[0..1]	CodeSet		127
	AdditionalResult <AddtlRsIt>	[0..1]	Text		128

3.4.2.3.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1470

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.

CodeName	Name	Definition
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

3.4.2.3.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1470

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

3.4.2.3.2.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1513

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

3.4.2.3.2.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1521

3.4.2.3.3 AllowedProductCode <AllwdPdctCd>

Presence: [0..*]

Definition: Product code which are allowed by the payment card.

AllowedProductCode <AllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		128
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		128

3.4.2.3.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1522

3.4.2.3.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

3.4.2.3.4 NotAllowedProductCode <NotAllwdPdctCd>

Presence: [0..*]

Definition: Product code not allowed by the payment card.

NotAllowedProductCode <NotAllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129

3.4.2.3.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1522

3.4.2.3.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

3.4.2.3.5 AdditionalAvailableProduct <AddtlAvlblPdct>

Presence: [0..*]

Definition: Products that may be added to the purchase after the authorisation.

AdditionalAvailableProduct <AddtlAvlblPdct> contains the following **Product5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		129
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		129
	AmountLimit <AmtLmt>	[0..1]	Amount		129
	QuantityLimit <QtyLmt>	[0..1]	Quantity		130
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		130

3.4.2.3.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1522

3.4.2.3.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

3.4.2.3.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

3.4.2.3.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1516

3.4.2.3.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1511

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.

CodeName	Name	Definition
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

3.4.2.3.6 Balance <Bal>

Presence: [0..1]

Definition: Balance and currency code of the account, related to the payment.

Balance <Bal> contains the following elements (see "AmountAndDirection93" on page 960 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		960
	Currency <Ccy>	[1..1]	CodeSet	C1	960
	Sign <Sgn>	[0..1]	Indicator		961

3.4.2.3.7 ProtectedBalance <PrctdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctdBal> contains the following elements (see "ContentInformationType35" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

3.4.2.3.8 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed by the POI (Point Of Interaction) system.

Action <Actn> contains the following **Action14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		132
	MessageToPresent <MsgToPres>	[0..1]	±		133
	RemoteAccess <RmotAccs>	[0..1]	±		134
	Retry <Rtry>	[0..1]	±		135
	TimeCondition <TmCond>	[0..1]	±		135

3.4.2.3.8.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Type of action to be performed by the POI (Point Of Interaction) system.

Datatype: "ActionType13Code" on page 1460

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.

CodeName	Name	Definition
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.

3.4.2.3.8.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

3.4.2.3.8.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 1388 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1389
	ClientCertificate <CIntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

3.4.2.3.8.4 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 1450 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1450
	MaximumNumber <MaxNb>	[0..1]	Quantity		1450
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1450

3.4.2.3.8.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "ProcessTiming6" on page 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1451
	EndTime <EndTm>	[0..1]	DateTime		1451
	Period <Prd>	[0..1]	Text		1451
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1451

3.4.2.3.9 CurrencyConversionEligibility <CcyConvElgblty>

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 **CurrencyConversion26** elements

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		141

3.4.2.3.9.1 CurrencyConversionIdentification <CcyConvslid>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

3.4.2.3.9.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[1..1]	Text		137
	Decimal <Dcml>	[1..1]	Quantity		137
	Name <Nm>	[0..1]	Text		138

3.4.2.3.9.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

Constraints

- **ActiveCurrency**

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

3.4.2.3.9.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

3.4.2.3.9.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

3.4.2.3.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

3.4.2.3.9.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

3.4.2.3.9.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 1517

3.4.2.3.9.5 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 1517

3.4.2.3.9.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

3.4.2.3.9.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

3.4.2.3.9.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

3.4.2.3.9.9 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	139
	NumericCode <NmrcCd>	[0..1]	Text		139
	Decimal <Dcml>	[0..1]	Quantity		139
	Name <Nm>	[0..1]	Text		139

3.4.2.3.9.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

Constraints

- **ActiveCurrency**

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

3.4.2.3.9.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

3.4.2.3.9.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

3.4.2.3.9.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

3.4.2.3.9.10 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		140
	HigherBin <HghrBin>	[1..1]	Text		140

3.4.2.3.9.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

3.4.2.3.9.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

3.4.2.3.9.11 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		140
	MinimumAmount <MinAmt>	[0..1]	Amount		140
	MaximumAmount <MaxAmt>	[0..1]	Amount		140

3.4.2.3.9.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

3.4.2.3.9.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

3.4.2.3.9.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

3.4.2.3.9.12 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		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141

3.4.2.3.9.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

3.4.2.3.9.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

3.4.2.3.9.13 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		141
	AdditionalInformation <AddtlInf>	[0..1]	Text		141

3.4.2.3.9.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

3.4.2.3.9.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

3.4.2.3.9.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

3.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C3 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on [page 1417](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

4 caaa.003.001.12 AcceptorCompletionAdviceV12

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 AcceptorCompletionAdviceV12 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]			150
	MessageFunction <MsgFctn>	[1..1]	CodeSet		151
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		152
	ExchangeIdentification <XchgId>	[1..1]	Quantity		153
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		153
	CreationDateTime <CreDtTm>	[1..1]	DateTime		153
	InitiatingParty <InitgPty>	[1..1]	±		153
	RecipientParty <RcptPty>	[0..1]	±		153
	Traceability <Tracblt>	[0..*]	±		154
	CompletionAdvice <CmpltnAdv>	[1..1]			154
	Environment <Envt>	[1..1]	±		159
	Context <Cntxt>	[0..1]	±		165
	Transaction <Tx>	[1..1]			168
	TransactionCapture <TxCaptr>	[0..1]	Indicator		173
	TransactionType <TxTp>	[0..1]	CodeSet		173
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		174
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		175
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		175
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		175
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		175
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		175
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		176
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		176
	TransactionIdentification <TxId>	[1..1]	±		176
	OriginalTransaction <OrgnlTx>	[0..1]	±		176
	TransactionSuccess <TxSucss>	[1..1]	Indicator		177
	Reversal <Rvsl>	[0..1]	Indicator		177
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		178
	FailureReason <FailrRsn>	[0..*]	CodeSet		178

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InitiatorTransactionIdentification <IntrTxId>	[0..1]	Text		178
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		179
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		179
	InterchangeData <IntrchgData>	[0..1]	Text		179
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		179
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		179
	TransactionDetails <TxDtls>	[1..1]			179
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		182
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		182
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		182
	DetailedAmount <DtlAmt>	[0..1]	±		182
	RequestedAmount <ReqdAmt>	[0..1]	Amount		183
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		183
	InvoiceAmount <InvcAmt>	[0..1]	Amount		183
	ValidityDate <VldtyDt>	[0..1]	Date		183
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		183
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		184
	AccountType <AcctTp>	[0..1]	CodeSet		184
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			185
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		187
	Conversion <Convs>	[0..1]			187
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		189
	TargetCurrency <TrgtCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	189
	NumericCode <NmrcCd>	[1..1]	Text		189
	Decimal <Dcml>	[1..1]	Quantity		189
	Name <Nm>	[0..1]	Text		189
	ResultingAmount <RsltgAmt>	[0..1]	Amount		190
	ExchangeRate <XchgRate>	[1..1]	Rate		190
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		190

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		190
	ValidFrom <VldFr>	[0..1]	DateTime		190
	ValidUntil <VldUntil>	[0..1]	DateTime		190
	SourceCurrency <SrcCcy>	[1..1]			190
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	191
	NumericCode <NmrcCd>	[0..1]	Text		191
	Decimal <Dcml>	[0..1]	Quantity		191
	Name <Nm>	[0..1]	Text		191
	ApplicableBinRange <ApplBinRg>	[0..*]			191
	LowerBin <LwrBin>	[1..1]	Text		192
	HigherBin <HghrBin>	[1..1]	Text		192
	OriginalAmount <OrgnlAmt>	[0..1]			192
	ActualAmount <ActlAmt>	[0..1]	Amount		192
	MinimumAmount <MinAmt>	[0..1]	Amount		192
	MaximumAmount <MaxAmt>	[0..1]	Amount		192
	CommissionDetails <ComssnDtls>	[0..*]			193
	Amount <Amt>	[1..1]	Amount		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	MarkUpDetails <MrkUpDtls>	[0..*]			193
	Rate <Rate>	[1..1]	Rate		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	DeclarationDetails <DclrtDtls>	[0..*]	±		193
	Instalment <Instlmt>	[0..*]	±		194
	AggregationTransaction <AggtnTx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		196
	SaleItem <Saleitm>	[0..*]	±		196
	DeliveryLocation <DlvryLctn>	[0..1]	Text		197
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		198
	Value <Val>	[0..1]	Binary		198

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		198
	Type <Tp>	[0..1]	Text		198
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		198
	AuthorisationResult <AuthstnRslt>	[0..1]			199
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		199
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		200
	ResponseReason <RspnRsn>	[0..1]	Text		200
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200
	AuthorisationCode <AuthstnCd>	[0..1]	Text		200
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			200
	Method <Mtd>	[1..1]	CodeSet		201
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		201
	Result <Rslt>	[0..1]	CodeSet		202
	AdditionalResult <AddtlRslt>	[0..1]	Text		202
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		202
	AccountFrom <AcctFr>	[0..1]			202
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		203
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		204
	AccountName <AcctNm>	[0..1]	Text		204
	AccountOwner <AcctOwnr>	[0..1]			205
	Name <Nm>	[1..1]	Text		205
	Address <Adr>	[1..1]	±		205
	Currency <Ccy>	[0..1]	CodeSet	C1	205
	AccountIdentifier <Acctldr>	[0..1]			206
{Or	Card <Card>	[1..1]	Text		206
Or	MSISDN <MSISDN>	[1..1]	Text		206
Or	EMail <EMail>	[1..1]	Text		206
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	206
Or	BBAN <BBAN>	[1..1]	IdentifierSet		207
Or	UPIC <UPIC>	[1..1]	IdentifierSet		207

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	Domestic <Dmst>	[1..1]	Text		207
Or}	Other <Othr>	[1..1]	Text		207
	Servicer <Svcr>	[0..1]			207
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	208
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		208
	AccountTo <AcctTo>	[0..1]			208
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		209
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		210
	AccountName <AcctNm>	[0..1]	Text		210
	AccountOwner <AcctOwnr>	[0..1]			211
	Name <Nm>	[1..1]	Text		211
	Address <Adr>	[1..1]	±		211
	Currency <Ccy>	[0..1]	CodeSet	C1	211
	AccountIdentifier <AcctIdr>	[0..1]			212
{Or	Card <Card>	[1..1]	Text		212
Or	MSISDN <MSISDN>	[1..1]	Text		212
Or	EMail <EMail>	[1..1]	Text		212
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	212
Or	BBAN <BBAN>	[1..1]	IdentifierSet		213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		213
Or	Domestic <Dmst>	[1..1]	Text		213
Or}	Other <Othr>	[1..1]	Text		213
	Servicer <Svcr>	[0..1]			213
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	214
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		214
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		214
	SupplementaryData <SplmtryData>	[0..*]	±	C5	214
	SecurityTrailer <SctyTrlr>	[0..1]	±		215

4.3 Constraints

C1 **ActiveCurrency**

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

C2 **AnyBIC**

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

C3 **Country**

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

C4 **IBAN**

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

C5 **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.

C7 **ValidationByTable**

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

4.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

4.4.1 **Header <Hdr>**

Presence: [1..1]

Definition: Completion advice message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		151
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		152
	ExchangeIdentification <XchgId>	[1..1]	Quantity		153
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		153
	CreationDateTime <CreDtTm>	[1..1]	DateTime		153
	InitiatingParty <InitgPty>	[1..1]	±		153
	RecipientParty <RcptPty>	[0..1]	±		153
	Traceability <Tracblt>	[0..*]	±		154

4.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

4.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

4.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

4.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

4.4.2 CompletionAdvice <CmpltnAdv>

Presence: [1..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdv> contains the following **AcceptorCompletionAdvice12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env>	[1..1]	±		159
	Context <Cntxt>	[0..1]	±		165
	Transaction <Tx>	[1..1]			168
	TransactionCapture <TxCaptr>	[0..1]	Indicator		173
	TransactionType <TxTp>	[0..1]	CodeSet		173
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		174
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		175
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		175
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		175
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		175
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		175
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		176
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		176
	TransactionIdentification <TxId>	[1..1]	±		176
	OriginalTransaction <OrgnlTx>	[0..1]	±		176
	TransactionSuccess <TxSucss>	[1..1]	Indicator		177
	Reversal <Rvsl>	[0..1]	Indicator		177
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		178
	FailureReason <FailRsn>	[0..*]	CodeSet		178
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		178
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		179
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		179
	InterchangeData <IntrchnngData>	[0..1]	Text		179
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		179
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		179
	TransactionDetails <TxDtls>	[1..1]			179
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		182
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		182
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		182
	DetailedAmount <DtldAmt>	[0..1]	±		182

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		183
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		183
	InvoiceAmount <InvcAmt>	[0..1]	Amount		183
	ValidityDate <VldtyDt>	[0..1]	Date		183
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		183
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		184
	AccountType <AcctTp>	[0..1]	CodeSet		184
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			185
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		187
	Conversion <Convs>	[0..1]			187
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		189
	TargetCurrency <TrgtCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	189
	NumericCode <NmrcCd>	[1..1]	Text		189
	Decimal <Dcml>	[1..1]	Quantity		189
	Name <Nm>	[0..1]	Text		189
	ResultingAmount <RsltgAmt>	[0..1]	Amount		190
	ExchangeRate <XchgRate>	[1..1]	Rate		190
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		190
	QuotationDate <QtnDt>	[0..1]	DateTime		190
	ValidFrom <VldFr>	[0..1]	DateTime		190
	ValidUntil <VldUntil>	[0..1]	DateTime		190
	SourceCurrency <SrcCcy>	[1..1]			190
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	191
	NumericCode <NmrcCd>	[0..1]	Text		191
	Decimal <Dcml>	[0..1]	Quantity		191
	Name <Nm>	[0..1]	Text		191
	ApplicableBinRange <AplblBinRg>	[0..*]			191
	LowerBin <LwrBin>	[1..1]	Text		192
	HigherBin <HghrBin>	[1..1]	Text		192
	OriginalAmount <OrgnlAmt>	[0..1]			192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		192
	MinimumAmount <MinAmt>	[0..1]	Amount		192
	MaximumAmount <MaxAmt>	[0..1]	Amount		192
	CommissionDetails <ComssnDtls>	[0..*]			193
	Amount <Amt>	[1..1]	Amount		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	MarkUpDetails <MrkUpDtls>	[0..*]			193
	Rate <Rate>	[1..1]	Rate		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	DeclarationDetails <DclrtnDtls>	[0..*]	±		193
	Instalment <Instlmt>	[0..*]	±		194
	AggregationTransaction <AggtnTx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		196
	SaleItem <Saleitm>	[0..*]	±		196
	DeliveryLocation <DlvryLctn>	[0..1]	Text		197
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		198
	Value <Val>	[0..1]	Binary		198
	ProtectedValue <PrtctdVal>	[0..1]	±		198
	Type <Tp>	[0..1]	Text		198
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		198
	AuthorisationResult <AuthstnRslt>	[0..1]			199
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		199
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		200
	ResponseReason <RspnRsn>	[0..1]	Text		200
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200
	AuthorisationCode <AuthstnCd>	[0..1]	Text		200
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			200
	Method <Mtd>	[1..1]	CodeSet		201

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		201
	Result <Rslt>	[0..1]	CodeSet		202
	AdditionalResult <AddtlRslt>	[0..1]	Text		202
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		202
	AccountFrom <AcctFr>	[0..1]			202
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		203
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		204
	AccountName <AcctNm>	[0..1]	Text		204
	AccountOwner <AcctOwnr>	[0..1]			205
	Name <Nm>	[1..1]	Text		205
	Address <Adr>	[1..1]	±		205
	Currency <Ccy>	[0..1]	CodeSet	C1	205
	AccountIdentifier <AcctIdr>	[0..1]			206
{Or	Card <Card>	[1..1]	Text		206
Or	MSISDN <MSISDN>	[1..1]	Text		206
Or	EMail <EMail>	[1..1]	Text		206
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	206
Or	BBAN <BBAN>	[1..1]	IdentifierSet		207
Or	UPIC <UPIC>	[1..1]	IdentifierSet		207
Or	Domestic <Dmst>	[1..1]	Text		207
Or}	Other <Othr>	[1..1]	Text		207
	Servicer <Svcr>	[0..1]			207
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	208
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		208
	AccountTo <AcctTo>	[0..1]			208
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		209
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		210
	AccountName <AcctNm>	[0..1]	Text		210
	AccountOwner <AcctOwnr>	[0..1]			211
	Name <Nm>	[1..1]	Text		211
	Address <Adr>	[1..1]	±		211

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	211
	AccountIdentifier <AcctIdr>	[0..1]			212
{Or	Card <Card>	[1..1]	Text		212
Or	MSISDN <MSISDN>	[1..1]	Text		212
Or	EMail <EMail>	[1..1]	Text		212
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	212
Or	BBAN <BBAN>	[1..1]	IdentifierSet		213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		213
Or	Domestic <Dmst>	[1..1]	Text		213
Or}	Other <Othr>	[1..1]	Text		213
	Servicer <Svcr>	[0..1]			213
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	214
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		214
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		214
	SupplementaryData <SplmtryData>	[0..*]	±	C5	214

4.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <Sc/SctyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrdhldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

4.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction125** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		173
	TransactionType <TxTp>	[0..1]	CodeSet		173
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		174
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		175
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		175
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		175
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		175
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		175
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		176
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		176
	TransactionIdentification <TxId>	[1..1]	±		176
	OriginalTransaction <OrgnlTx>	[0..1]	±		176
	TransactionSuccess <TxSucss>	[1..1]	Indicator		177
	Reversal <Rvs/ >	[0..1]	Indicator		177
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		178
	FailureReason <FailrRsn>	[0..*]	CodeSet		178
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		178
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		179
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		179
	InterchangeData <IntrchnngData>	[0..1]	Text		179
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		179
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		179
	TransactionDetails <TxDtls>	[1..1]			179
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		182
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		182
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		182
	DetailedAmount <DtlAmt>	[0..1]	±		182
	RequestedAmount <ReqdAmt>	[0..1]	Amount		183
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		183
	InvoiceAmount <InvAmt>	[0..1]	Amount		183

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		183
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		183
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		184
	AccountType <AcctTp>	[0..1]	CodeSet		184
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			185
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		187
	Conversion <Convs>	[0..1]			187
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		189
	TargetCurrency <TrgtCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	189
	NumericCode <NmrcCd>	[1..1]	Text		189
	Decimal <Dcml>	[1..1]	Quantity		189
	Name <Nm>	[0..1]	Text		189
	ResultingAmount <RsltAmt>	[0..1]	Amount		190
	ExchangeRate <XchgRate>	[1..1]	Rate		190
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		190
	QuotationDate <QtnDt>	[0..1]	DateTime		190
	ValidFrom <VldFr>	[0..1]	DateTime		190
	ValidUntil <VldUntil>	[0..1]	DateTime		190
	SourceCurrency <SrcCcy>	[1..1]			190
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	191
	NumericCode <NmrcCd>	[0..1]	Text		191
	Decimal <Dcml>	[0..1]	Quantity		191
	Name <Nm>	[0..1]	Text		191
	ApplicableBinRange <AplblBinRng>	[0..*]			191
	LowerBin <LwrBin>	[1..1]	Text		192
	HigherBin <HghrBin>	[1..1]	Text		192
	OriginalAmount <OrgnlAmt>	[0..1]			192
	ActualAmount <ActlAmt>	[0..1]	Amount		192
	MinimumAmount <MinAmt>	[0..1]	Amount		192
	MaximumAmount <MaxAmt>	[0..1]	Amount		192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			193
	Amount <Amt>	[1..1]	Amount		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	MarkUpDetails <MrkUpDtls>	[0..*]			193
	Rate <Rate>	[1..1]	Rate		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	DeclarationDetails <DclrtDtls>	[0..*]	±		193
	Instalment <Instlmt>	[0..*]	±		194
	AggregationTransaction <AggtTx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		196
	SaleItem <Saleitm>	[0..*]	±		196
	DeliveryLocation <DlvryLctn>	[0..1]	Text		197
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		198
	Value <Val>	[0..1]	Binary		198
	ProtectedValue <PrctdVal>	[0..1]	±		198
	Type <Tp>	[0..1]	Text		198
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		198
	AuthorisationResult <AuthstnRslt>	[0..1]			199
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		199
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		200
	ResponseReason <RspnRsn>	[0..1]	Text		200
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		200
	AuthorisationCode <AuthstnCd>	[0..1]	Text		200
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			200
	Method <Mtd>	[1..1]	CodeSet		201
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		201
	Result <Rslt>	[0..1]	CodeSet		202
	AdditionalResult <AddtlRslt>	[0..1]	Text		202

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		202
	AccountFrom <AcctFr>	[0..1]			202
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		203
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		204
	AccountName <AcctNm>	[0..1]	Text		204
	AccountOwner <AcctOwnr>	[0..1]			205
	Name <Nm>	[1..1]	Text		205
	Address <Adr>	[1..1]	±		205
	Currency <Ccy>	[0..1]	CodeSet	C1	205
	AccountIdentifier <AcctIdr>	[0..1]			206
{Or	Card <Card>	[1..1]	Text		206
Or	MSISDN <MSISDN>	[1..1]	Text		206
Or	EMail <EMail>	[1..1]	Text		206
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	206
Or	BBAN <BBAN>	[1..1]	IdentifierSet		207
Or	UPIC <UPIC>	[1..1]	IdentifierSet		207
Or	Domestic <Dmst>	[1..1]	Text		207
Or}	Other <Othr>	[1..1]	Text		207
	Servicer <Svcr>	[0..1]			207
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	208
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		208
	AccountTo <AcctTo>	[0..1]			208
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		209
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		210
	AccountName <AcctNm>	[0..1]	Text		210
	AccountOwner <AcctOwnr>	[0..1]			211
	Name <Nm>	[1..1]	Text		211
	Address <Adr>	[1..1]	±		211
	Currency <Ccy>	[0..1]	CodeSet	C1	211
	AccountIdentifier <AcctIdr>	[0..1]			212
{Or	Card <Card>	[1..1]	Text		212

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		212
Or	EEmail <EMail>	[1..1]	Text		212
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	212
Or	BBAN <BBAN>	[1..1]	IdentifierSet		213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		213
Or	Domestic <Dmst>	[1..1]	Text		213
Or}	Other <Othr>	[1..1]	Text		213
	Servicer <Svcr>	[0..1]			213
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	214
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		214
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		214

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 1516):

- *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 1477

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.

4.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1479

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 1478

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 1516):

- *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 1523

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 1516):

- *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 1520

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 1520

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

4.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

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 1516):

- *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 1516):

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

4.4.2.3.15 MerchantOverride <MrchntOvrrd>

Presence: [0..1]

Definition: Indicate that the acceptor has forced the transaction in spite of the authorisation result (online or offline), or incident to complete the transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

- *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 1485

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 1520

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 1519

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 1520

4.4.2.3.20 InterchangeData <IntrchnData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

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 1519

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 1519

4.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	181
	TotalAmount <TtlAmt>	[1..1]	Amount		182
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		182
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		182
	DetailedAmount <DtldAmt>	[0..1]	±		182
	RequestedAmount <ReqdAmt>	[0..1]	Amount		183
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		183
	InvoiceAmount <InvcAmt>	[0..1]	Amount		183
	ValidityDate <VldtyDt>	[0..1]	Date		183
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		183
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		184
	AccountType <AcctTp>	[0..1]	CodeSet		184
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			185
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		187
	Conversion <Convs>	[0..1]			187
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		189
	TargetCurrency <TrgtCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	189
	NumericCode <NmrcCd>	[1..1]	Text		189
	Decimal <Dcml>	[1..1]	Quantity		189
	Name <Nm>	[0..1]	Text		189
	ResultingAmount <RsltgAmt>	[0..1]	Amount		190
	ExchangeRate <XchgRate>	[1..1]	Rate		190
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		190
	QuotationDate <QtnDt>	[0..1]	DateTime		190
	ValidFrom <VldFr>	[0..1]	DateTime		190
	ValidUntil <VldUntil>	[0..1]	DateTime		190
	SourceCurrency <SrcCcy>	[1..1]			190
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	191
	NumericCode <NmrcCd>	[0..1]	Text		191
	Decimal <Dcml>	[0..1]	Quantity		191

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		191
	ApplicableBinRange <AplblBinRg>	[0..*]			191
	LowerBin <LwrBin>	[1..1]	Text		192
	HigherBin <HghrBin>	[1..1]	Text		192
	OriginalAmount <OrgnlAmt>	[0..1]			192
	ActualAmount <ActlAmt>	[0..1]	Amount		192
	MinimumAmount <MinAmt>	[0..1]	Amount		192
	MaximumAmount <MaxAmt>	[0..1]	Amount		192
	CommissionDetails <ComssnDtls>	[0..*]			193
	Amount <Amt>	[1..1]	Amount		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	MarkUpDetails <MrkUpDtls>	[0..*]			193
	Rate <Rate>	[1..1]	Rate		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	DeclarationDetails <Dclrtndtls>	[0..*]	±		193
	Instalment <Instlmt>	[0..*]	±		194
	AggregationTransaction <Aggtntx>	[0..1]	±		195
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		196
	SaleItem <Saleitm>	[0..*]	±		196
	DeliveryLocation <DlvryLctn>	[0..1]	Text		197
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		197
	AdditionalInformation <AddtlInf>	[0..*]			197
	Identification <Id>	[1..1]	Text		198
	Value <Val>	[0..1]	Binary		198
	ProtectedValue <PrctcdVal>	[0..1]	±		198
	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 1461

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 1457

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 1457

4.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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

4.4.2.3.23.5 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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

4.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

4.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

4.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

4.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

4.4.2.3.23.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

4.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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 **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		187
	Conversion <Convs>	[0..1]			187
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		189
	TargetCurrency <TrgtCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	189
	NumericCode <NmrcCd>	[1..1]	Text		189
	Decimal <Dcml>	[1..1]	Quantity		189
	Name <Nm>	[0..1]	Text		189
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		190
	ExchangeRate <XchgRate>	[1..1]	Rate		190
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		190
	QuotationDate <QtnDt>	[0..1]	DateTime		190
	ValidFrom <VldFr>	[0..1]	DateTime		190
	ValidUntil <VldUntil>	[0..1]	DateTime		190
	SourceCurrency <SrcCcy>	[1..1]			190
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	191
	NumericCode <NmrcCd>	[0..1]	Text		191
	Decimal <Dcml>	[0..1]	Quantity		191
	Name <Nm>	[0..1]	Text		191
	ApplicableBinRange <AplblBinRg>	[0..*]			191
	LowerBin <LwrBin>	[1..1]	Text		192
	HigherBin <HghrBin>	[1..1]	Text		192
	OriginalAmount <OrgnlAmt>	[0..1]			192
	ActualAmount <ActlAmt>	[0..1]	Amount		192
	MinimumAmount <MinAmt>	[0..1]	Amount		192
	MaximumAmount <MaxAmt>	[0..1]	Amount		192
	CommissionDetails <ComssnDtls>	[0..*]			193
	Amount <Amt>	[1..1]	Amount		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	MarkUpDetails <MrkUpDtls>	[0..*]			193

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	DeclarationDetails <DclrtnDtls>	[0..*]	±		193

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 1516):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		189
	TargetCurrency <TrgtCcy>	[1..1]			189
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	189
	NumericCode <NmrcCd>	[1..1]	Text		189
	Decimal <Dcml>	[1..1]	Quantity		189
	Name <Nm>	[0..1]	Text		189
	ResultingAmount <RsltAmt>	[0..1]	Amount		190
	ExchangeRate <XchgRate>	[1..1]	Rate		190
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		190
	QuotationDate <QtnDt>	[0..1]	DateTime		190
	ValidFrom <VldFr>	[0..1]	DateTime		190
	ValidUntil <VldUntil>	[0..1]	DateTime		190
	SourceCurrency <SrcCcy>	[1..1]			190
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	191
	NumericCode <NmrcCd>	[0..1]	Text		191
	Decimal <Dcml>	[0..1]	Quantity		191
	Name <Nm>	[0..1]	Text		191
	ApplicableBinRange <AplblBinRg>	[0..*]			191
	LowerBin <LwrBin>	[1..1]	Text		192
	HigherBin <HghrBin>	[1..1]	Text		192
	OriginalAmount <OrgnlAmt>	[0..1]			192
	ActualAmount <ActlAmt>	[0..1]	Amount		192
	MinimumAmount <MinAmt>	[0..1]	Amount		192
	MaximumAmount <MaxAmt>	[0..1]	Amount		192
	CommissionDetails <ComssnDtls>	[0..*]			193
	Amount <Amt>	[1..1]	Amount		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	MarkUpDetails <MrkUpDtls>	[0..*]			193
	Rate <Rate>	[1..1]	Rate		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193
	DeclarationDetails <DclrtDtls>	[0..*]	±		193

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 1520

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	189
	NumericCode <NmrcCd>	[1..1]	Text		189
	Decimal <Dcml>	[1..1]	Quantity		189
	Name <Nm>	[0..1]	Text		189

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 1461

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 1517

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 1516

4.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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 1457

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 1517

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 1517

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 1514

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 1514

4.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	191
	NumericCode <NmrcCd>	[0..1]	Text		191
	Decimal <Dcml>	[0..1]	Quantity		191
	Name <Nm>	[0..1]	Text		191

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 1461

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 1517

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 1516

4.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		192
	HigherBin <HghrBin>	[1..1]	Text		192

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 1519

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 1519

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		192
	MinimumAmount <MinAmt>	[0..1]	Amount		192
	MaximumAmount <MaxAmt>	[0..1]	Amount		192

4.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193

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 1457

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 1520

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		193
	AdditionalInformation <AddtlInf>	[0..1]	Text		193

4.4.2.3.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

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 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

4.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

4.4.2.3.23.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

4.4.2.3.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

4.4.2.3.23.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

4.4.2.3.23.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

4.4.2.3.23.19 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 1516

4.4.2.3.23.20 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 **ExternallyDefinedData4** elements

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

4.4.2.3.23.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

4.4.2.3.23.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

4.4.2.3.23.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

4.4.2.3.23.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

4.4.2.3.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

4.4.2.3.24 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]	±		199
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			199
	Response <Rspn>	[1..1]	CodeSet		200
	ResponseReason <RspnRsn>	[0..1]	Text		200
	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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

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		200
	ResponseReason <RspnRsn>	[0..1]	Text		200
	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 1503

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 1520

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 1519

4.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

4.4.2.3.25 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

Definition: Result of the performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRslt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		201
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		201
	Result <Rslt>	[0..1]	CodeSet		202
	AdditionalResult <AddtlRslt>	[0..1]	Text		202

4.4.2.3.25.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1470

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

4.4.2.3.25.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1470

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

4.4.2.3.25.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1513

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

4.4.2.3.25.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1521

4.4.2.3.26 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1522

4.4.2.3.27 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		203
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		204
	AccountName <AcctNm>	[0..1]	Text		204
	AccountOwner <AcctOwnr>	[0..1]			205
	Name <Nm>	[1..1]	Text		205
	Address <Adr>	[1..1]	±		205
	Currency <Ccy>	[0..1]	CodeSet	C1	205
	AccountIdentifier <AcctIdr>	[0..1]			206
{Or	Card <Card>	[1..1]	Text		206
Or	MSISDN <MSISDN>	[1..1]	Text		206
Or	EMail <EMail>	[1..1]	Text		206
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	206
Or	BBAN <BBAN>	[1..1]	IdentifierSet		207
Or	UPIC <UPIC>	[1..1]	IdentifierSet		207
Or	Domestic <Dmst>	[1..1]	Text		207
Or}	Other <Othr>	[1..1]	Text		207
	Servicer <Svcr>	[0..1]			207
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	208
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		208

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 1460

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 1474

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 1522

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		205
	Address <Adr>	[1..1]	±		205

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 1522

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 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

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 1461

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		206
Or	MSISDN <MSISDN>	[1..1]	Text		206
Or	EMail <EMail>	[1..1]	Text		206
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	206
Or	BBAN <BBAN>	[1..1]	IdentifierSet		207
Or	UPIC <UPIC>	[1..1]	IdentifierSet		207
Or	Domestic <Dmst>	[1..1]	Text		207
Or}	Other <Othr>	[1..1]	Text		207

4.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

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 1519

4.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

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 1515

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 1515

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 1520

4.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

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	208
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		208

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 1514

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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

4.4.2.3.28 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		209
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		210
	AccountName <AcctNm>	[0..1]	Text		210
	AccountOwner <AcctOwnr>	[0..1]			211
	Name <Nm>	[1..1]	Text		211
	Address <Adr>	[1..1]	±		211
	Currency <Ccy>	[0..1]	CodeSet	C1	211
	AccountIdentifier <AcctIdr>	[0..1]			212
{Or	Card <Card>	[1..1]	Text		212
Or	MSISDN <MSISDN>	[1..1]	Text		212
Or	EMail <EMail>	[1..1]	Text		212
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	212
Or	BBAN <BBAN>	[1..1]	IdentifierSet		213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		213
Or	Domestic <Dmst>	[1..1]	Text		213
Or}	Other <Othr>	[1..1]	Text		213
	Servicer <Svcr>	[0..1]			213
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	214
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		214

4.4.2.3.28.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1460

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.

4.4.2.3.28.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

4.4.2.3.28.3 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 1522

4.4.2.3.28.4 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		211
	Address <Adr>	[1..1]	±		211

4.4.2.3.28.4.1 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 1522

4.4.2.3.28.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

4.4.2.3.28.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

4.4.2.3.28.6 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		212
Or	MSISDN <MSISDN>	[1..1]	Text		212
Or	EMail <EMail>	[1..1]	Text		212
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	212
Or	BBAN <BBAN>	[1..1]	IdentifierSet		213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		213
Or	Domestic <Dmst>	[1..1]	Text		213
Or}	Other <Othr>	[1..1]	Text		213

4.4.2.3.28.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

4.4.2.3.28.6.2 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 1519

4.4.2.3.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

4.4.2.3.28.6.4 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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

Constraints

- **IBAN**

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

4.4.2.3.28.6.5 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 1515

4.4.2.3.28.6.6 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 1515

4.4.2.3.28.6.7 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 1520

4.4.2.3.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

4.4.2.3.28.7 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	214
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		214

4.4.2.3.28.7.1 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 1514

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.

4.4.2.3.28.7.2 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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

4.4.2.3.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

4.4.2.4 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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

5 caaa.004.001.11

AcceptorCompletionAdviceResponseV11

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 AcceptorCompletionAdviceResponseV11 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Completion advice response message management information.
- B. CompletionAdviceResponse
 - Information related to the completion advice response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

5.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvRspn>	[1..1]			
	Header <Hdr>	[1..1]			218
	MessageFunction <MsgFctn>	[1..1]	CodeSet		218
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		220
	ExchangeIdentification <XchgId>	[1..1]	Quantity		220
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		220
	CreationDateTime <CreDtTm>	[1..1]	DateTime		220
	InitiatingParty <InitgPty>	[1..1]	±		220
	RecipientParty <RcptPty>	[0..1]	±		221
	Traceability <Tracblt>	[0..*]	±		221
	CompletionAdviceResponse <CmpltnAdvRspn>	[1..1]			222
	Environment <Envt>	[1..1]	±		222
	Transaction <Tx>	[1..1]			228
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		228
	TransactionIdentification <TxId>	[1..1]	±		228
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		229
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		229
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		229
	Response <Rspn>	[1..1]	CodeSet		229
	TMSTrigger <TMSTrggr>	[0..1]			229
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		230
	TMSIdentification <TMSId>	[0..1]	Text		230
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		230
	SupplementaryData <SplmtryData>	[0..*]	±	C3	230
	SecurityTrailer <SctyTrlr>	[0..1]	±		231

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		218
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		220
	ExchangeIdentification <XchgId>	[1..1]	Quantity		220
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		220
	CreationDateTime <CreDtTm>	[1..1]	DateTime		220
	InitiatingParty <InitgPty>	[1..1]	±		220
	RecipientParty <RcptPty>	[0..1]	±		221
	Traceability <Tracblt>	[0..*]	±		221

5.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

5.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

5.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

5.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

5.4.2 CompletionAdviceResponse <CmpltnAdvcrspn>

Presence: [1..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcrspn> contains the following
AcceptorCompletionAdviceResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		222
	Transaction <Tx>	[1..1]			228
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		228
	TransactionIdentification <TxId>	[1..1]	±		228
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		229
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		229
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		229
	Response <Rspn>	[1..1]	CodeSet		229
	TMSTrigger <TMSTrggr>	[0..1]			229
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		230
	TMSIdentification <TMSId>	[0..1]	Text		230
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		230
	SupplementaryData <SplmtryData>	[0..*]	±	C3	230

5.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		228
	TransactionIdentification <TxId>	[1..1]	±		228
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		229
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		229
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		229
	Response <Rspn>	[1..1]	CodeSet		229

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

5.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: ["Response9Code"](#) on page 1503

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).

5.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		230
	TMSIdentification <TMSId>	[0..1]	Text		230
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		230

5.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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 1520

5.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

6 caaa.005.001.12 AcceptorCancellationRequestV12

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 AcceptorCancellationRequestV12 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]			234
	MessageFunction <MsgFctn>	[1..1]	CodeSet		235
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		236
	ExchangeIdentification <XchgId>	[1..1]	Quantity		237
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		237
	CreationDateTime <CreDtTm>	[1..1]	DateTime		237
	InitiatingParty <InitgPty>	[1..1]	±		237
	RecipientParty <RcptPty>	[0..1]	±		237
	Traceability <Tracblt>	[0..*]	±		238
	CancellationRequest <CxlReq>	[1..1]			238
	Environment <Envt>	[1..1]	±		239
	Context <Cntxt>	[1..1]	±		245
	Transaction <Tx>	[1..1]			248
	TransactionCapture <TxCaptr>	[0..1]	Indicator		248
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		249
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		249
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		249
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		249
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		249
	TransactionIdentification <TxId>	[1..1]	±		249
	OriginalTransaction <OrgnlTx>	[1..1]	±		250
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		250
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		250
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		251
	TransactionDetails <TxDtls>	[1..1]			251
	Currency <Ccy>	[0..1]	CodeSet	C1	251
	TotalAmount <TtlAmt>	[1..1]	Amount		251
	ValidityDate <VldtyDt>	[0..1]	Date		251
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		252

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		252
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		252
	SecurityTrailer <SctyTrlr>	[0..1]	±		252

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		235
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		236
	ExchangeIdentification <XchgId>	[1..1]	Quantity		237
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		237
	CreationDateTime <CreDtTm>	[1..1]	DateTime		237
	InitiatingParty <InitgPty>	[1..1]	±		237
	RecipientParty <RcptPty>	[0..1]	±		237
	Traceability <Tracblt>	[0..*]	±		238

6.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

6.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

6.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

6.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

6.4.2 CancellationRequest <CxlReq>

Presence: [1..1]

Definition: Information related to the cancellation request.

CancellationRequest <CxlReq> contains the following **AcceptorCancellationRequest12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		239
	Context <Cntxt>	[1..1]	±		245
	Transaction <Tx>	[1..1]			248
	TransactionCapture <TxCaptr>	[0..1]	Indicator		248
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		249
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		249
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		249
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		249
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		249
	TransactionIdentification <TxId>	[1..1]	±		249
	OriginalTransaction <OrgnlTx>	[1..1]	±		250
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		250
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		250
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		251
	TransactionDetails <TxDtls>	[1..1]			251
	Currency <Ccy>	[0..1]	CodeSet	C1	251
	TotalAmount <TtlAmt>	[1..1]	Amount		251
	ValidityDate <VldtyDt>	[0..1]	Date		251
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		252
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		252
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		252

6.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrdhldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

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		248
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		249
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		249
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		249
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		249
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		249
	TransactionIdentification <TxId>	[1..1]	±		249
	OriginalTransaction <OrgnlTx>	[1..1]	±		250
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		250
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		250
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		251
	TransactionDetails <TxDtls>	[1..1]			251
	Currency <Ccy>	[0..1]	CodeSet	C1	251
	TotalAmount <TtlAmt>	[1..1]	Amount		251
	ValidityDate <VldtyDt>	[0..1]	Date		251
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		252
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		252
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		252

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 1516):

- *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 1523

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 1516):

- *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 1520

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 1520

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

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 1520

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 1519

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 1520

6.4.2.3.12 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	251
	TotalAmount <TtlAmt>	[1..1]	Amount		251
	ValidityDate <VldtyDt>	[0..1]	Date		251
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		252
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		252

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 1461

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 1457

6.4.2.3.12.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

6.4.2.3.12.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

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 1516):

- *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 1522

6.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

7 caaa.006.001.11 AcceptorCancellationResponseV11

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 AcceptorCancellationResponseV11 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]			255
	MessageFunction <MsgFctn>	[1..1]	CodeSet		256
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		257
	ExchangeIdentification <XchgId>	[1..1]	Quantity		258
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		258
	CreationDateTime <CreDtTm>	[1..1]	DateTime		258
	InitiatingParty <InitgPty>	[1..1]	±		258
	RecipientParty <RcptPty>	[0..1]	±		258
	Traceability <Tracblt>	[0..*]	±		259
	CancellationResponse <CxlRspn>	[1..1]			259
	Environment <Envt>	[1..1]	±		261
	Transaction <Tx>	[1..1]			267
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		267
	TransactionIdentification <TxId>	[1..1]	±		268
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		268
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		268
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		268
	InterchangeData <IntrchgData>	[0..1]	Text		268
	TransactionDetails <TxDtls>	[1..1]			268
	Currency <Ccy>	[0..1]	CodeSet	C1	269
	TotalAmount <TtlAmt>	[1..1]	Amount		269
	ValidityDate <VldtyDt>	[0..1]	Date		269
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		269
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		269
	TransactionResponse <TxRspn>	[1..1]			270
	AuthorisationResult <AuthstnRslt>	[1..1]			270
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		271
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			271
	Response <Rspn>	[1..1]	CodeSet		272

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		272
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		272
	AuthorisationCode <AuthstnCd>	[0..1]	Text		272
	TMSTrigger <TMSTrggr>	[0..1]			272
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		272
	TMSIdentification <TMSId>	[0..1]	Text		273
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		273
	Action <Actn>	[0..*]			273
	ActionType <ActnTp>	[1..1]	CodeSet		273
	MessageToPresent <MsgToPres>	[0..1]	±		274
	RemoteAccess <RmotAccs>	[0..1]	±		275
	Retry <Rtry>	[0..1]	±		276
	TimeCondition <TmCond>	[0..1]	±		276
	SecurityTrailer <SctyTrlr>	[0..1]	±		276

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		256
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		257
	ExchangeIdentification <XchgId>	[1..1]	Quantity		258
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		258
	CreationDateTime <CreDtTm>	[1..1]	DateTime		258
	InitiatingParty <InitgPty>	[1..1]	±		258
	RecipientParty <RcptPty>	[0..1]	±		258
	Traceability <Tracblt>	[0..*]	±		259

7.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

7.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

7.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

7.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

7.4.2 CancellationResponse <CxIRspn>

Presence: [1..1]

Definition: Information related to the cancellation response.

CancellationResponse <CxIRspn> contains the following **AcceptorCancellationResponse11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		261
	Transaction <Tx>	[1..1]			267
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		267
	TransactionIdentification <TxId>	[1..1]	±		268
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		268
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		268
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		268
	InterchangeData <IntrchnngData>	[0..1]	Text		268
	TransactionDetails <TxDtls>	[1..1]			268
	Currency <Ccy>	[0..1]	CodeSet	C1	269
	TotalAmount <TtlAmt>	[1..1]	Amount		269
	ValidityDate <VldtyDt>	[0..1]	Date		269
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		269
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		269
	TransactionResponse <TxRspn>	[1..1]			270
	AuthorisationResult <AuthstnRslt>	[1..1]			270
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		271
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			271
	Response <Rspn>	[1..1]	CodeSet		272
	ResponseReason <RspnRsn>	[0..1]	Text		272
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		272
	AuthorisationCode <AuthstnCd>	[0..1]	Text		272
	TMSTrigger <TMSTrggr>	[0..1]			272
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		272
	TMSIdentification <TMSId>	[0..1]	Text		273
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		273
	Action <Actn>	[0..*]			273
	ActionType <ActnTp>	[1..1]	CodeSet		273
	MessageToPresent <MsgToPres>	[0..1]	±		274
	RemoteAccess <RmotAccs>	[0..1]	±		275

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Retry <Rtry>	[0..1]	±		276
	TimeCondition <TmCond>	[0..1]	±		276

7.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscItyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		267
	TransactionIdentification <TxId>	[1..1]	±		268
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		268
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		268
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		268
	InterchangeData <IntrchnngData>	[0..1]	Text		268
	TransactionDetails <TxDtls>	[1..1]			268
	Currency <Ccy>	[0..1]	CodeSet	C1	269
	TotalAmount <TtlAmt>	[1..1]	Amount		269
	ValidityDate <VldtyDt>	[0..1]	Date		269
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		269
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		269

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

7.4.2.2.6 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "[Max140Text](#)" on page 1519

7.4.2.2.7 TransactionDetails <TxDtls>

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	269
	TotalAmount <TtlAmt>	[1..1]	Amount		269
	ValidityDate <VldtyDt>	[0..1]	Date		269
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		269
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		269

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 1461

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 1457

7.4.2.2.7.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

7.4.2.2.7.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

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 1516):

- *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 **CardPaymentTransaction130** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRsIt>	[1..1]			270
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		271
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			271
	Response <Rspn>	[1..1]	CodeSet		272
	ResponseReason <RspnRsn>	[0..1]	Text		272
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		272
	AuthorisationCode <AuthstnCd>	[0..1]	Text		272
	TMSTrigger <TMSTrggr>	[0..1]			272
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		272
	TMSIdentification <TMSId>	[0..1]	Text		273
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		273
	Action <Actn>	[0..*]			273
	ActionType <ActnTp>	[1..1]	CodeSet		273
	MessageToPresent <MsgToPres>	[0..1]	±		274
	RemoteAccess <RmotAccs>	[0..1]	±		275
	Retry <Rtry>	[0..1]	±		276
	TimeCondition <TmCond>	[0..1]	±		276

7.4.2.3.1 AuthorisationResult <AuthstnRsIt>

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]	±		271
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			271
	Response <Rspn>	[1..1]	CodeSet		272
	ResponseReason <RspnRsn>	[0..1]	Text		272
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		272
	AuthorisationCode <AuthstnCd>	[0..1]	Text		272
	TMSTrigger <TMSTrggr>	[0..1]			272
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		272
	TMSIdentification <TMSId>	[0..1]	Text		273
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		273

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

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		272
	ResponseReason <RspnRsn>	[0..1]	Text		272
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		272

7.4.2.3.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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 1520

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 1519

7.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

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		272
	TMSIdentification <TMSId>	[0..1]	Text		273
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		273

7.4.2.3.1.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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 1520

7.4.2.3.1.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

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 **Action14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		273
	MessageToPresent <MsgToPres>	[0..1]	±		274
	RemoteAccess <RmotAccs>	[0..1]	±		275
	Retry <Rtry>	[0..1]	±		276
	TimeCondition <TmCond>	[0..1]	±		276

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 1460

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

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 1388 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1389
	ClientCertificate <CIntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

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 1450 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1450
	MaximumNumber <MaxNb>	[0..1]	Quantity		1450
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1450

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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1451
	EndTime <EndTm>	[0..1]	DateTime		1451
	Period <Prd>	[0..1]	Text		1451
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1451

7.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

8 caaa.007.001.12 AcceptorCancellationAdviceV12

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 AcceptorCancellationAdviceV12 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]			280
	MessageFunction <MsgFctn>	[1..1]	CodeSet		280
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		282
	ExchangeIdentification <XchgId>	[1..1]	Quantity		282
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		282
	CreationDateTime <CreDtTm>	[1..1]	DateTime		282
	InitiatingParty <InitgPty>	[1..1]	±		282
	RecipientParty <RcptPty>	[0..1]	±		283
	Traceability <Tracblt>	[0..*]	±		283
	CancellationAdvice <CxlAdv>	[1..1]			284
	Environment <Envt>	[1..1]	±		286
	Context <Cntxt>	[0..1]	±		292
	Transaction <Tx>	[1..1]			295
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		297
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		297
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		297
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		297
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		297
	TransactionIdentification <TxId>	[1..1]	±		297
	OriginalTransaction <OrgnlTx>	[0..1]	±		298
	TransactionSuccess <TxSucss>	[1..1]	Indicator		298
	Reversal <Rvsl>	[0..1]	Indicator		299
	FailureReason <FailrRsn>	[0..*]	CodeSet		299
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		299
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		300
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		300
	InterchangeData <IntrchnngData>	[0..1]	Text		300
	TransactionDetails <TxDtls>	[1..1]			300
	Currency <Ccy>	[0..1]	CodeSet	C1	300

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		301
	ValidityDate <VldtyDt>	[0..1]	Date		301
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		301
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		301
	AuthorisationResult <AuthstnRslt>	[0..1]			301
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		302
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			302
	Response <Rspn>	[1..1]	CodeSet		303
	ResponseReason <RspnRsn>	[0..1]	Text		303
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		303
	AuthorisationCode <AuthstnCd>	[0..1]	Text		303
	TMSTrigger <TMSTrggr>	[0..1]			303
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		303
	TMSIdentification <TMSId>	[0..1]	Text		304
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		304
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		304
	SecurityTrailer <SctyTrlr>	[0..1]	±		304

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		280
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		282
	ExchangeIdentification <XchgId>	[1..1]	Quantity		282
	ReTransmissionCounter <ReTrnsmssnCntnr>	[0..1]	Text		282
	CreationDateTime <CreDtTm>	[1..1]	DateTime		282
	InitiatingParty <InitgPty>	[1..1]	±		282
	RecipientParty <RcptPty>	[0..1]	±		283
	Traceability <Tracblt>	[0..*]	±		283

8.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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.

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 1522

8.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

8.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

8.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

8.4.2 CancellationAdvice <CxlAdvc>

Presence: [1..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxIAdv> contains the following **AcceptorCancellationAdvice12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		286
	Context <Cntxt>	[0..1]	±		292
	Transaction <Tx>	[1..1]			295
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		297
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		297
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		297
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		297
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		297
	TransactionIdentification <TxId>	[1..1]	±		297
	OriginalTransaction <OrgnlTx>	[0..1]	±		298
	TransactionSuccess <TxSucss>	[1..1]	Indicator		298
	Reversal <Rvsl>	[0..1]	Indicator		299
	FailureReason <FailRsn>	[0..*]	CodeSet		299
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		299
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		300
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		300
	InterchangeData <IntrchgData>	[0..1]	Text		300
	TransactionDetails <TxDtls>	[1..1]			300
	Currency <Ccy>	[0..1]	CodeSet	C1	300
	TotalAmount <TtlAmt>	[1..1]	Amount		301
	ValidityDate <VldtyDt>	[0..1]	Date		301
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		301
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		301
	AuthorisationResult <AuthstnRslt>	[0..1]			301
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		302
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			302
	Response <Rspn>	[1..1]	CodeSet		303
	ResponseReason <RspnRsn>	[0..1]	Text		303
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		303
	AuthorisationCode <AuthstnCd>	[0..1]	Text		303
	TMSTrigger <TMSTrggr>	[0..1]			303

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSctctLvl>	[1..1]	CodeSet		303
	TMSIdentification <TMSId>	[0..1]	Text		304
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		304
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		304

8.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <Sc/SctyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

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		297
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		297
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		297
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		297
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		297
	TransactionIdentification <TxId>	[1..1]	±		297
	OriginalTransaction <OrgnlTx>	[0..1]	±		298
	TransactionSuccess <TxSucss>	[1..1]	Indicator		298
	Reversal <Rvs/ >	[0..1]	Indicator		299
	FailureReason <FailrRsn>	[0..*]	CodeSet		299
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		299
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		300
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		300
	InterchangeData <IntrchnngData>	[0..1]	Text		300
	TransactionDetails <TxDtls>	[1..1]			300
	Currency <Ccy>	[0..1]	CodeSet	C1	300
	TotalAmount <TtlAmt>	[1..1]	Amount		301
	ValidityDate <VldtyDt>	[0..1]	Date		301
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		301
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		301
	AuthorisationResult <AuthstnRslt>	[0..1]			301
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		302
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			302
	Response <Rspn>	[1..1]	CodeSet		303
	ResponseReason <RspnRsn>	[0..1]	Text		303
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		303
	AuthorisationCode <AuthstnCd>	[0..1]	Text		303
	TMSTrigger <TMSTrggr>	[0..1]			303
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		303
	TMSIdentification <TMSId>	[0..1]	Text		304
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		304

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 1523

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 1516):

- *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 1520

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 1520

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

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 1516):

- *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 1516):

- *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 1485

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 1520

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 1519

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 1520

8.4.2.3.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

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	300
	TotalAmount <TtlAmt>	[1..1]	Amount		301
	ValidityDate <VldtyDt>	[0..1]	Date		301
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		301
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		301

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 1461

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 1457

8.4.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

8.4.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

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 1516):

- *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]	±		302
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			302
	Response <Rspn>	[1..1]	CodeSet		303
	ResponseReason <RspnRsn>	[0..1]	Text		303
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		303
	AuthorisationCode <AuthstnCd>	[0..1]	Text		303
	TMSTrigger <TMSTrggr>	[0..1]			303
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		303
	TMSIdentification <TMSId>	[0..1]	Text		304
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		304

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

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		303
	ResponseReason <RspnRsn>	[0..1]	Text		303
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		303

8.4.2.3.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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 1520

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 1519

8.4.2.3.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

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		303
	TMSIdentification <TMSId>	[0..1]	Text		304
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		304

8.4.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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 1520

8.4.2.3.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODatetime" on page 1514

8.4.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

8.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

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AcceptorCancellationAdviceResponseV11

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 AcceptorCancellationAdviceResponseV11 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]			307
	MessageFunction <MsgFctn>	[1..1]	CodeSet		307
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		309
	ExchangeIdentification <XchgId>	[1..1]	Quantity		309
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		309
	CreationDateTime <CreDtTm>	[1..1]	DateTime		309
	InitiatingParty <InitgPty>	[1..1]	±		309
	RecipientParty <RcptPty>	[0..1]	±		310
	Traceability <Tracblt>	[0..*]	±		310
	CancellationAdviceResponse <CxlAdvcrspn>	[1..1]			311
	Environment <Envt>	[1..1]	±		311
	Transaction <Tx>	[1..1]			317
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		317
	TransactionIdentification <TxId>	[1..1]	±		317
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		318
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		318
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		318
	Response <Rspn>	[1..1]	CodeSet		318
	TMSTrigger <TMSTrggr>	[0..1]			318
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		319
	TMSIdentification <TMSId>	[0..1]	Text		319
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		319
	SecurityTrailer <SctyTrlr>	[0..1]	±		319

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		307
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		309
	ExchangeIdentification <XchgId>	[1..1]	Quantity		309
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		309
	CreationDateTime <CreDtTm>	[1..1]	DateTime		309
	InitiatingParty <InitgPty>	[1..1]	±		309
	RecipientParty <RcptPty>	[0..1]	±		310
	Traceability <Tracblt>	[0..*]	±		310

9.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

9.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

9.4.1.4 ReTransmissionCounter <ReTrnsmsnCntnr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

9.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

9.4.2 CancellationAdviceResponse <CxlAdvcRspn>

Presence: [1..1]

Definition: Information related to the cancellation advice response.

CancellationAdviceResponse <CxlAdvcRspn> contains the following
AcceptorCancellationAdviceResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		311
	Transaction <Tx>	[1..1]			317
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		317
	TransactionIdentification <TxId>	[1..1]	±		317
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		318
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		318
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		318
	Response <Rspn>	[1..1]	CodeSet		318
	TMSTrigger <TMSTrggr>	[0..1]			318
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		319
	TMSIdentification <TMSId>	[0..1]	Text		319
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		319

9.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		318
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		318
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		318
	Response <Rspn>	[1..1]	CodeSet		318

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

9.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1503

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).

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		319
	TMSIdentification <TMSId>	[0..1]	Text		319
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		319

9.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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 1520

9.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

9.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

10 caaa.009.001.11 AcceptorReconciliationRequestV11

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 AcceptorReconciliationRequestV11 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 <Envnt>	[1..1]	±		326
	Transaction <Tx>	[1..1]			332
	ClosePeriod <ClsPrd>	[0..1]	Indicator		332
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		333
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		333
	TransactionTotals <TxTtls>	[0..*]			333
	POIGroupIdentification <POIGrpId>	[0..1]	Text		333
	CardBrand <CardBrnd>	[0..1]	Text		333
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		334
	TotalNumber <TtlNb>	[1..1]	Quantity		334
	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 1491

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 1522

10.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

10.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

10.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

10.4.2 ReconciliationRequest <RcncltnReq>

Presence: [1..1]

Definition: Information related to the reconciliation request.

ReconciliationRequest <RcncltnReq> contains the following **AcceptorReconciliationRequest11** 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		332
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		333
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		333
	TransactionTotals <TxTtls>	[0..*]			333
	POIGroupIdentification <POIGrpld>	[0..1]	Text		333
	CardBrand <CardBrnd>	[0..1]	Text		333
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		334
	TotalNumber <TtlNb>	[1..1]	Quantity		334
	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 "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		332
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		333
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		333
	TransactionTotals <TxTtls>	[0..*]			333
	POIGroupIdentification <POIGrpld>	[0..1]	Text		333
	CardBrand <CardBrnd>	[0..1]	Text		333
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		334
	TotalNumber <TtlNb>	[1..1]	Quantity		334
	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 1516):

- *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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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		333
	CardBrand <CardBrnd>	[0..1]	Text		333
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		334
	Currency <Ccy>	[0..1]	CodeSet	C1	334
	Type <Tp>	[1..1]	CodeSet		334
	TotalNumber <TtlNb>	[1..1]	Quantity		334
	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 1520

10.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1520

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 1520

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 1461

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 1511

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 1516

10.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

10.4.2.2.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 1522

10.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

11 caaa.010.001.10 AcceptorReconciliationResponseV10

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 AcceptorReconciliationResponseV10 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]			338
	MessageFunction <MsgFctn>	[1..1]	CodeSet		338
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		340
	ExchangeIdentification <XchgId>	[1..1]	Quantity		340
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		340
	CreationDateTime <CreDtTm>	[1..1]	DateTime		340
	InitiatingParty <InitgPty>	[1..1]	±		340
	RecipientParty <RcptPty>	[0..1]	±		341
	Traceability <Tracblt>	[0..*]	±		341
	ReconciliationResponse <RcncltnRspn>	[1..1]			342
	Environment <Envt>	[1..1]	±		343
	TransactionResponse <TxRspn>	[1..1]			349
	Response <Rspn>	[1..1]	CodeSet		349
	ResponseReason <RspnRsn>	[0..1]	Text		349
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		350
	Transaction <Tx>	[1..1]			350
	ClosePeriod <ClsPrd>	[0..1]	Indicator		350
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		350
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		351
	TransactionTotals <TxTtls>	[0..*]			351
	POIGroupIdentification <POIGrpld>	[0..1]	Text		351
	CardBrand <CardBrnd>	[0..1]	Text		351
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		351
	Currency <Ccy>	[0..1]	CodeSet	C1	352
	Type <Tp>	[1..1]	CodeSet		352
	TotalNumber <TtlNb>	[1..1]	Quantity		352
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		352
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		352
	SecurityTrailer <SctyTrlr>	[0..1]	±		353

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		338
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		340
	ExchangeIdentification <XchgId>	[1..1]	Quantity		340
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		340
	CreationDateTime <CreDtTm>	[1..1]	DateTime		340
	InitiatingParty <InitgPty>	[1..1]	±		340
	RecipientParty <RcptPty>	[0..1]	±		341
	Traceability <Tracblt>	[0..*]	±		341

11.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

11.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

11.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

11.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

11.4.2 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Information related to the reconciliation response.

ReconciliationResponse <RcncltnRspn> contains the following **AcceptorReconciliationResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[1..1]	±		343
	TransactionResponse <TxRspn>	[1..1]			349
	Response <Rspn>	[1..1]	CodeSet		349
	ResponseReason <RspnRsn>	[0..1]	Text		349
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		350
	Transaction <Tx>	[1..1]			350
	ClosePeriod <ClsPrd>	[0..1]	Indicator		350
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		350
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		351
	TransactionTotals <TxTtls>	[0..*]			351
	POIGroupIdentification <POIGrpld>	[0..1]	Text		351
	CardBrand <CardBrnd>	[0..1]	Text		351
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		351
	Currency <Ccy>	[0..1]	CodeSet	C1	352
	Type <Tp>	[1..1]	CodeSet		352
	TotalNumber <TtlNb>	[1..1]	Quantity		352
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		352
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		352

11.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscItyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		349
	ResponseReason <RspnRsn>	[0..1]	Text		349
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		350

11.4.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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 1520

11.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

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		350
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		350
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		351
	TransactionTotals <TxTtls>	[0..*]			351
	POIGroupIdentification <POIGrpId>	[0..1]	Text		351
	CardBrand <CardBrnd>	[0..1]	Text		351
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		351
	Currency <Ccy>	[0..1]	CodeSet	C1	352
	Type <Tp>	[1..1]	CodeSet		352
	TotalNumber <TtlNb>	[1..1]	Quantity		352
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		352
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		352

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 1516):

- *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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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		351
	CardBrand <CardBrnd>	[0..1]	Text		351
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		351
	Currency <Ccy>	[0..1]	CodeSet	C1	352
	Type <Tp>	[1..1]	CodeSet		352
	TotalNumber <TtlNb>	[1..1]	Quantity		352
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		352

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 1520

11.4.2.3.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1520

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 1520

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 1461

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 1511

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 1516

11.4.2.3.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

11.4.2.3.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 1522

11.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

12 caaa.011.001.12 AcceptorBatchTransferV12

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 AcceptorBatchTransferV12 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]			357
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		357
	FormatVersion <FrmtVrsn>	[1..1]	Text		358
	ExchangeIdentification <XchgId>	[1..1]	Quantity		358
	CreationDateTime <CreDtTm>	[1..1]	DateTime		358
	InitiatingParty <InitgPty>	[1..1]	±		358
	RecipientParty <RcptPty>	[0..1]	±		358
	BatchTransfer <BtchTrf>	[1..1]			359
	TransactionTotals <TxTtls>	[0..*]			361
	POIGroupIdentification <POIGrpId>	[0..1]	Text		361
	CardBrand <CardBrnd>	[0..1]	Text		362
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		362
	Currency <Ccy>	[0..1]	CodeSet	C1	362
	Type <Tp>	[1..1]	CodeSet		362
	TotalNumber <TtlNb>	[1..1]	Quantity		362
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		363
	DataSet <DataSet>	[0..*]			363
	DataSetIdentification <DataSetId>	[1..1]			365
	Name <Nm>	[1..1]	Text		365
	Type <Tp>	[1..1]	CodeSet		365
	Version <Vrsn>	[0..1]	Text		366
	CreationDateTime <CreDtTm>	[1..1]	DateTime		366
	Traceability <Tracblt>	[0..*]	±		366
	DataSetInitiator <DataSetInitr>	[0..1]	±		366
	TransactionTotals <TxTtls>	[1..*]			367
	POIGroupIdentification <POIGrpId>	[0..1]	Text		367
	CardBrand <CardBrnd>	[0..1]	Text		367
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		367
	Currency <Ccy>	[0..1]	CodeSet	C1	368

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		368
	TotalNumber <TtlNb>	[1..1]	Quantity		368
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		368
	CommonData <CmonData>	[0..1]			368
	Environment <Envt>	[0..1]	±		369
	Context <Cntxt>	[0..1]	±		375
	TransactionType <TxTp>	[0..1]	CodeSet		378
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		378
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		379
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		379
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		380
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Transaction <Tx>	[1..*]			380
{Or	Completion <Cmpltn>	[1..1]	±		380
Or	Cancellation <Cxl>	[1..1]	±		386
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		388
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		393
Or	TokenRequest <TknReq>	[1..1]			398
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		398
	Environment <Envt>	[1..1]	±		398
Or}	TokenResponse <TknRspn>	[1..1]			404
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		404
	Environment <Envt>	[1..1]	±		404
	SecurityTrailer <SctyTrlr>	[0..1]	±		410

12.3 Constraints

C1 ActiveCurrency

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

C2 AnyBIC

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

C3 Country

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

C4 IBAN

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

C5 ValidationByTable

Must be a valid terrestrial language.

C6 ValidationByTable

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

12.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

12.4.1 Header <Hdr>

Presence: [1..1]

Definition: Batch capture message management information.

Header <Hdr> contains the following **Header56** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		357
	FormatVersion <FrmtVrsn>	[1..1]	Text		358
	ExchangeIdentification <XchgId>	[1..1]	Quantity		358
	CreationDateTime <CreDtTm>	[1..1]	DateTime		358
	InitiatingParty <InitgPty>	[1..1]	±		358
	RecipientParty <RcptPty>	[0..1]	±		358

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 1516):

- *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 1522

12.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

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 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 **CardPaymentBatchTransfer11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			361
	POIGroupIdentification <POIGrpId>	[0..1]	Text		361
	CardBrand <CardBrnd>	[0..1]	Text		362
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		362
	Currency <Ccy>	[0..1]	CodeSet	C1	362
	Type <Tp>	[1..1]	CodeSet		362
	TotalNumber <TtlNb>	[1..1]	Quantity		362
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		363
	DataSet <DataSet>	[0..*]			363
	DataSetIdentification <DataSetId>	[1..1]			365
	Name <Nm>	[1..1]	Text		365
	Type <Tp>	[1..1]	CodeSet		365
	Version <Vrsn>	[0..1]	Text		366
	CreationDateTime <CreDtTm>	[1..1]	DateTime		366
	Traceability <Tracblt>	[0..*]	±		366
	DataSetInitiator <DataSetInitr>	[0..1]	±		366
	TransactionTotals <TxTtls>	[1..*]			367
	POIGroupIdentification <POIGrpId>	[0..1]	Text		367
	CardBrand <CardBrnd>	[0..1]	Text		367
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		367
	Currency <Ccy>	[0..1]	CodeSet	C1	368
	Type <Tp>	[1..1]	CodeSet		368
	TotalNumber <TtlNb>	[1..1]	Quantity		368
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		368
	CommonData <CmonData>	[0..1]			368
	Environment <Envt>	[0..1]	±		369
	Context <Cntxt>	[0..1]	±		375
	TransactionType <TxTp>	[0..1]	CodeSet		378
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		378
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		379
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		379

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		380
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Transaction <Tx>	[1..*]			380
{Or	Completion <Cmpltn>	[1..1]	±		380
Or	Cancellation <Cxl>	[1..1]	±		386
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		388
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		393
Or	TokenRequest <TknReq>	[1..1]			398
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		398
	Environment <Envt>	[1..1]	±		398
Or}	TokenResponse <TknRspn>	[1..1]			404
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		404
	Environment <Envt>	[1..1]	±		404

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		361
	CardBrand <CardBrnd>	[0..1]	Text		362
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		362
	Currency <Ccy>	[0..1]	CodeSet	C1	362
	Type <Tp>	[1..1]	CodeSet		362
	TotalNumber <TtlNb>	[1..1]	Quantity		362
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		363

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 1520

12.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1520

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 1520

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 1461

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 1511

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 1516

12.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

12.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			365
	Name <Nm>	[1..1]	Text		365
	Type <Tp>	[1..1]	CodeSet		365
	Version <Vrsn>	[0..1]	Text		366
	CreationDateTime <CreDtTm>	[1..1]	DateTime		366
	Traceability <Tracblt>	[0..*]	±		366
	DataSetInitiator <DataSetInitr>	[0..1]	±		366
	TransactionTotals <TxTtls>	[1..*]			367
	POIGroupIdentification <POIGrpld>	[0..1]	Text		367
	CardBrand <CardBrnd>	[0..1]	Text		367
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		367
	Currency <Ccy>	[0..1]	CodeSet	C1	368
	Type <Tp>	[1..1]	CodeSet		368
	TotalNumber <TtlNb>	[1..1]	Quantity		368
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		368
	CommonData <CmonData>	[0..1]			368
	Environment <Envnt>	[0..1]	±		369
	Context <Cntxt>	[0..1]	±		375
	TransactionType <TxTp>	[0..1]	CodeSet		378
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		378
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		379
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		379
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		380
	Currency <Ccy>	[0..1]	CodeSet	C1	380
	Transaction <Tx>	[1..*]			380
{Or	Completion <Cmpltn>	[1..1]	±		380
Or	Cancellation <Cxl>	[1..1]	±		386
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		388
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		393
Or	TokenRequest <TknReq>	[1..1]			398
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		398

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		398
Or}	TokenResponse <TknRspn>	[1..1]			404
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		404
	Environment <Envt>	[1..1]	±		404

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		365
	Type <Tp>	[1..1]	CodeSet		365
	Version <Vrsn>	[0..1]	Text		366
	CreationDateTime <CreDtTm>	[1..1]	DateTime		366

12.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1519

12.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1483

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 1519

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 1514

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 <POIGrpld>	[0..1]	Text		367
	CardBrand <CardBrnd>	[0..1]	Text		367
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		367
	Currency <Ccy>	[0..1]	CodeSet	C1	368
	Type <Tp>	[1..1]	CodeSet		368
	TotalNumber <TtlNb>	[1..1]	Quantity		368
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		368

12.4.2.2.4.1 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 1520

12.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "[Max35Text](#)" on page 1520

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 1520

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 1461

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 1511

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 1516

12.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 **CommonData12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		369
	Context <Cntxt>	[0..1]	±		375
	TransactionType <TxTp>	[0..1]	CodeSet		378
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		378
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		379
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		379
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		380
	Currency <Ccy>	[0..1]	CodeSet	C1	380

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 "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

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 1477

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 1479

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 1478

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 1523

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 1520

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 1461

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 **CardPaymentDataSetTransaction11Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		380
Or	Cancellation <Cxl>	[1..1]	±		386
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		388
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		393
Or	TokenRequest <TknReq>	[1..1]			398
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		398
	Environment <Envt>	[1..1]	±		398
Or}	TokenResponse <TknRspn>	[1..1]			404
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		404
	Environment <Envt>	[1..1]	±		404

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 "CardPaymentDataSetTransaction42" on page 1100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1105
	Traceability <Tracblt>	[0..*]	±		1105
	Environment <Envt>	[1..1]	±		1106
	Context <Cntxt>	[0..1]	±		1112
	Transaction <Tx>	[1..1]			1115
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1120
	TransactionType <TxTp>	[0..1]	CodeSet		1120
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1121
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1122
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1122
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1122
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1122
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1122
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1123
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1123
	TransactionIdentification <TxId>	[1..1]	±		1123
	OriginalTransaction <OrgnlTx>	[0..1]	±		1123
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1124
	Reversal <Rvsl>	[0..1]	Indicator		1124
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1125
	FailureReason <FailRsn>	[0..*]	CodeSet		1125
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1125
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1126
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1126
	InterchangeData <IntrchgData>	[0..1]	Text		1126
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1126
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1126
	TransactionDetails <TxDtls>	[1..1]			1126
	Currency <Ccy>	[0..1]	CodeSet	C1	1128
	TotalAmount <TtlAmt>	[1..1]	Amount		1129

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1129
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1129
	DetailedAmount <DtlAmt>	[0..1]	±		1129
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1130
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1130
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1130
	ValidityDate <VldtyDt>	[0..1]	Date		1130
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1130
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1131
	AccountType <AcctTp>	[0..1]	CodeSet		1131
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1132
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1134
	Conversion <Convs>	[0..1]			1134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1136
	TargetCurrency <TrgtCcy>	[1..1]			1136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1136
	NumericCode <NmrcCd>	[1..1]	Text		1136
	Decimal <Dcml>	[1..1]	Quantity		1136
	Name <Nm>	[0..1]	Text		1136
	ResultingAmount <RsltAmt>	[0..1]	Amount		1137
	ExchangeRate <XchgRate>	[1..1]	Rate		1137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1137
	QuotationDate <QtnDt>	[0..1]	DateTime		1137
	ValidFrom <VldFr>	[0..1]	DateTime		1137
	ValidUntil <VldUntil>	[0..1]	DateTime		1137
	SourceCurrency <SrcCcy>	[1..1]			1137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1138
	NumericCode <NmrcCd>	[0..1]	Text		1138
	Decimal <Dcml>	[0..1]	Quantity		1138
	Name <Nm>	[0..1]	Text		1138
	ApplicableBinRange <ApblBinRg>	[0..*]			1138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1139
	HigherBin <HghrBin>	[1..1]	Text		1139
	OriginalAmount <OrgnlAmt>	[0..1]			1139
	ActualAmount <ActlAmt>	[0..1]	Amount		1139
	MinimumAmount <MinAmt>	[0..1]	Amount		1139
	MaximumAmount <MaxAmt>	[0..1]	Amount		1139
	CommissionDetails <ComssnDtls>	[0..*]			1140
	Amount <Amt>	[1..1]	Amount		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	MarkUpDetails <MrkUpDtls>	[0..*]			1140
	Rate <Rate>	[1..1]	Rate		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1140
	Instalment <Instlmt>	[0..*]	±		1141
	AggregationTransaction <AggtnTx>	[0..1]	±		1142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1143
	SaleItem <Saleitm>	[0..*]	±		1143
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1144
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1144
	AdditionalInformation <AddtlInf>	[0..*]			1144
	Identification <Id>	[1..1]	Text		1145
	Value <Val>	[0..1]	Binary		1145
	ProtectedValue <PrctcdVal>	[0..1]	±		1145
	Type <Tp>	[0..1]	Text		1145
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1145
	AuthorisationResult <AuthstnRslt>	[0..1]			1146
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1146
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1146
	Response <Rspn>	[1..1]	CodeSet		1147
	ResponseReason <RspnRsn>	[0..1]	Text		1147
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1147
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1147
	Method <Mtd>	[1..1]	CodeSet		1148
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1148
	Result <RsIt>	[0..1]	CodeSet		1149
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1149
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1149
	AccountFrom <AcctFr>	[0..1]			1149
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1150
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1151
	AccountName <AcctNm>	[0..1]	Text		1151
	AccountOwner <AcctOwnr>	[0..1]			1152
	Name <Nm>	[1..1]	Text		1152
	Address <Adr>	[1..1]	±		1152
	Currency <Ccy>	[0..1]	CodeSet	C1	1152
	AccountIdentifier <AcctIdr>	[0..1]			1153
{Or	Card <Card>	[1..1]	Text		1153
Or	MSISDN <MSISDN>	[1..1]	Text		1153
Or	EMail <EMail>	[1..1]	Text		1153
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1153
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1154
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1154
Or	Domestic <Dmst>	[1..1]	Text		1154
Or}	Other <Othr>	[1..1]	Text		1154
	Servicer <Svcr>	[0..1]			1154
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1155
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1155
	AccountTo <AcctTo>	[0..1]			1155
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1156
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1157
	AccountName <AcctNm>	[0..1]	Text		1157

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountOwner <AcctOwnr>	[0..1]			1158
	Name <Nm>	[1..1]	Text		1158
	Address <Adr>	[1..1]	±		1158
	Currency <Ccy>	[0..1]	CodeSet	C1	1158
	AccountIdentifier <AcctIdr>	[0..1]			1159
{Or	Card <Card>	[1..1]	Text		1159
Or	MSISDN <MSISDN>	[1..1]	Text		1159
Or	EMail <EMail>	[1..1]	Text		1159
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1159
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1160
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1160
Or	Domestic <Dmst>	[1..1]	Text		1160
Or}	Other <Othr>	[1..1]	Text		1160
	Servicer <Svcr>	[0..1]			1160
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1161
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1161
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1161

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 "[CardPaymentDataSetTransaction43](#)" on page 1080 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1082
	Traceability <Tracblt>	[0..*]	±		1082
	Environment <Envt>	[1..1]	±		1082
	Context <Cntxt>	[0..1]	±		1088
	Transaction <Tx>	[1..1]			1091
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1093
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1093
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1093
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1093
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1093
	TransactionIdentification <TxId>	[1..1]	±		1093
	OriginalTransaction <OrgnlTx>	[0..1]	±		1094
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1094
	Reversal <Rvsl>	[0..1]	Indicator		1095
	FailureReason <FailrRsn>	[0..*]	CodeSet		1095
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1095
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1096
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1096
	InterchangeData <IntrchnngData>	[0..1]	Text		1096
	TransactionDetails <TxDtls>	[1..1]			1096
	Currency <Ccy>	[0..1]	CodeSet	C1	1096
	TotalAmount <TtlAmt>	[1..1]	Amount		1097
	ValidityDate <VldtyDt>	[0..1]	Date		1097
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1097
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1097
	AuthorisationResult <AuthstnRslt>	[0..1]			1097
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1098
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1098
	Response <Rspn>	[1..1]	CodeSet		1099
	ResponseReason <RspnRsn>	[0..1]	Text		1099

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1099
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1099
	TMSTrigger <TMSTrggr>	[0..1]			1099
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1099
	TMSIdentification <TMSId>	[0..1]	Text		1100
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1100
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1100

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
"CardPaymentDataSetTransaction44" on page 1025 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1029
	Traceability <Tracblt>	[0..*]	±		1030
	Environment <Envt>	[1..1]	±		1030
	Context <Cntxt>	[0..1]	±		1036
	Transaction <Tx>	[1..1]			1039
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1043
	TransactionType <TxTp>	[0..1]	CodeSet		1044
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1044
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1045
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1045
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1045
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1046
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1046
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1046
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1046
	TransactionIdentification <TxId>	[1..1]	±		1046
	OriginalTransaction <OrgnlTx>	[0..1]	±		1046
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1047
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1047
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1047
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1048
	TransactionDetails <TxDtls>	[1..1]			1048
	Currency <Ccy>	[0..1]	CodeSet	C1	1050
	TotalAmount <TtlAmt>	[1..1]	Amount		1051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1051
	DetailedAmount <DtlAmt>	[0..1]	±		1051
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1052
	InvoiceAmount <InvAmt>	[0..1]	Amount		1052

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1052
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1052
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1053
	AccountType <AcctTp>	[0..1]	CodeSet		1053
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1054
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1056
	Conversion <Convs>	[0..1]			1056
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1058
	TargetCurrency <TrgtCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[1..1]	Text		1058
	Decimal <Dcml>	[1..1]	Quantity		1058
	Name <Nm>	[0..1]	Text		1058
	ResultingAmount <RsltAmt>	[0..1]	Amount		1059
	ExchangeRate <XchgRate>	[1..1]	Rate		1059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1059
	QuotationDate <QtnDt>	[0..1]	DateTime		1059
	ValidFrom <VldFr>	[0..1]	DateTime		1059
	ValidUntil <VldUntil>	[0..1]	DateTime		1059
	SourceCurrency <SrcCcy>	[1..1]			1059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1060
	NumericCode <NmrcCd>	[0..1]	Text		1060
	Decimal <Dcml>	[0..1]	Quantity		1060
	Name <Nm>	[0..1]	Text		1060
	ApplicableBinRange <AplblBinRg>	[0..*]			1060
	LowerBin <LwrBin>	[1..1]	Text		1061
	HigherBin <HghrBin>	[1..1]	Text		1061
	OriginalAmount <OrgnlAmt>	[0..1]			1061
	ActualAmount <ActlAmt>	[0..1]	Amount		1061
	MinimumAmount <MinAmt>	[0..1]	Amount		1061
	MaximumAmount <MaxAmt>	[0..1]	Amount		1061

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1062
	Amount <Amt>	[1..1]	Amount		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	MarkUpDetails <MrkUpDtls>	[0..*]			1062
	Rate <Rate>	[1..1]	Rate		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1062
	Instalment <Instlmt>	[0..*]	±		1063
	AggregationTransaction <AggtnTx>	[0..1]	±		1064
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1065
	SaleItem <Saleitm>	[0..*]	±		1065
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1066
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1066
	AdditionalInformation <AddtlInf>	[0..*]			1066
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1067
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1068
	AccountFrom <AcctFr>	[0..1]			1068
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1068
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1069
	AccountName <AcctNm>	[0..1]	Text		1070
	AccountOwner <AcctOwnr>	[0..1]			1070
	Name <Nm>	[1..1]	Text		1070
	Address <Adr>	[1..1]	±		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	AccountIdentifier <Acctldr>	[0..1]			1071
{Or	Card <Card>	[1..1]	Text		1072
Or	MSISDN <MSISDN>	[1..1]	Text		1072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		1072
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1072
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1073
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1073
Or	Domestic <Dmst>	[1..1]	Text		1073
Or}	Other <Othr>	[1..1]	Text		1073
	Servicer <Svcr>	[0..1]			1073
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1073
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1074
	AccountTo <AcctTo>	[0..1]			1074
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1075
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1076
	AccountName <AcctNm>	[0..1]	Text		1076
	AccountOwner <AcctOwnr>	[0..1]			1077
	Name <Nm>	[1..1]	Text		1077
	Address <Adr>	[1..1]	±		1077
	Currency <Ccy>	[0..1]	CodeSet	C1	1077
	AccountIdentifier <AcctIdr>	[0..1]			1078
{Or	Card <Card>	[1..1]	Text		1078
Or	MSISDN <MSISDN>	[1..1]	Text		1078
Or	EMail <EMail>	[1..1]	Text		1078
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1078
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1079
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1079
Or	Domestic <Dmst>	[1..1]	Text		1079
Or}	Other <Othr>	[1..1]	Text		1079
	Servicer <Svcr>	[0..1]			1079
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1080
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1080
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1080

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
"CardPaymentDataSetTransaction45" on page 967 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		972
	Traceability <Tracblt>	[0..*]	±		972
	Environment <Envt>	[1..1]	±		973
	Transaction <Tx>	[1..1]			979
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		982
	TransactionIdentification <TxId>	[1..1]	±		982
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		982
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		982
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		982
	InterchangeData <IntrchnngData>	[0..1]	Text		982
	TransactionDetails <TxDtls>	[1..1]			983
	Currency <Ccy>	[0..1]	CodeSet	C1	985
	TotalAmount <TtlAmt>	[1..1]	Amount		986
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		986
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		986
	DetailedAmount <DtldAmt>	[0..1]	±		986
	RequestedAmount <ReqdAmt>	[0..1]	Amount		987
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		987
	InvoiceAmount <InvcAmt>	[0..1]	Amount		987
	ValidityDate <VldtyDt>	[0..1]	Date		987
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		987
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		988
	AccountType <AcctTp>	[0..1]	CodeSet		988
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			989
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		991
	Conversion <Convs>	[0..1]			991
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		993
	TargetCurrency <TrgtCcy>	[1..1]			993
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	993
	NumericCode <NmrcCd>	[1..1]	Text		993

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		993
	Name <Nm>	[0..1]	Text		993
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		994
	ExchangeRate <XchgRate>	[1..1]	Rate		994
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		994
	QuotationDate <QtnDt>	[0..1]	DateTime		994
	ValidFrom <VldFr>	[0..1]	DateTime		994
	ValidUntil <VldUntil>	[0..1]	DateTime		994
	SourceCurrency <SrcCcy>	[1..1]			994
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	995
	NumericCode <NmrcCd>	[0..1]	Text		995
	Decimal <Dcml>	[0..1]	Quantity		995
	Name <Nm>	[0..1]	Text		995
	ApplicableBinRange <AplblBinRg>	[0..*]			995
	LowerBin <LwrBin>	[1..1]	Text		996
	HigherBin <HghrBin>	[1..1]	Text		996
	OriginalAmount <OrgnlAmt>	[0..1]			996
	ActualAmount <ActlAmt>	[0..1]	Amount		996
	MinimumAmount <MinAmt>	[0..1]	Amount		996
	MaximumAmount <MaxAmt>	[0..1]	Amount		996
	CommissionDetails <ComssnDtls>	[0..*]			997
	Amount <Amt>	[1..1]	Amount		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	MarkUpDetails <MrkUpDtls>	[0..*]			997
	Rate <Rate>	[1..1]	Rate		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	DeclarationDetails <Dclrtndtls>	[0..*]	±		997
	Instalment <Instlmt>	[0..*]	±		998
	AggregationTransaction <AggtnTx>	[0..1]	±		999
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1000
	SaleItem <Saleitm>	[0..*]	±		1000

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1001
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1001
	AdditionalInformation <AddtlInf>	[0..*]			1001
	Identification <Id>	[1..1]	Text		1002
	Value <Val>	[0..1]	Binary		1002
	ProtectedValue <PrctdVal>	[0..1]	±		1002
	Type <Tp>	[0..1]	Text		1002
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1002
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1003
	TransactionResponse <TxRspn>	[1..1]			1003
	AuthorisationResult <AuthstnRslt>	[1..1]			1006
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1006
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1007
	Response <Rspn>	[1..1]	CodeSet		1007
	ResponseReason <RspnRsn>	[0..1]	Text		1007
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1008
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1008
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1008
	TMSTrigger <TMSTrggr>	[0..1]			1008
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1008
	TMSIdentification <TMSId>	[0..1]	Text		1009
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1009
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1009
	Method <Mtd>	[1..1]	CodeSet		1009
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1010
	Result <Rslt>	[0..1]	CodeSet		1010
	AdditionalResult <AddtlRslt>	[0..1]	Text		1011
	AllowedProductCode <AllwdPdctCd>	[0..*]			1011
	ProductCode <PdctCd>	[1..1]	Text		1011
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1011
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1011

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1012
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1012
	ProductCode <PdctCd>	[1..1]	Text		1012
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012
	AmountLimit <AmtLmt>	[0..1]	Amount		1012
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1013
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1013
	Balance <Bal>	[0..1]	±		1014
	ProtectedBalance <PrctcdBal>	[0..1]	±		1015
	Action <Actn>	[0..*]			1015
	ActionType <ActnTp>	[1..1]	CodeSet		1015
	MessageToPresent <MsgToPres>	[0..1]	±		1016
	RemoteAccess <RmotAccs>	[0..1]	±		1017
	Retry <Rtry>	[0..1]	±		1018
	TimeCondition <TmCond>	[0..1]	±		1018
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1020
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1021
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1021
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidFrom <VldFr>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1022

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	ApplicableBinRange <AplblBinRg>	[0..*]			1022
	LowerBin <LwrBin>	[1..1]	Text		1023
	HigherBin <HghrBin>	[1..1]	Text		1023
	OriginalAmount <OrgnlAmt>	[0..1]			1023
	ActualAmount <ActlAmt>	[0..1]	Amount		1023
	MinimumAmount <MinAmt>	[0..1]	Amount		1023
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1024
	Amount <Amt>	[1..1]	Amount		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024
	MarkUpDetails <MrkUpDtls>	[0..*]			1024
	Rate <Rate>	[1..1]	Rate		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1024

12.4.2.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		398
	Environment <Envt>	[1..1]	±		398

12.4.2.2.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1523

12.4.2.2.6.5.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

12.4.2.2.6.6 TokenResponse <TknRspn>

Presence: [1..1]

Definition: Response to a token computation.

TokenResponse <TknRspn> contains the following **TokenRequestComponent3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		404
	Environment <Env>	[1..1]	±		404

12.4.2.2.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1523

12.4.2.2.6.6.2 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

13 caaa.012.001.11

AcceptorBatchTransferResponseV11

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 AcceptorBatchTransferResponseV11 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]			415
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		415
	FormatVersion <FrmtVrsn>	[1..1]	Text		415
	ExchangeIdentification <XchgId>	[1..1]	Quantity		415
	CreationDateTime <CreDtTm>	[1..1]	DateTime		415
	InitiatingParty <InitgPty>	[1..1]	±		416
	RecipientParty <RcptPty>	[0..1]	±		416
	BatchTransferResponse <BtchTrfRspn>	[1..1]			417
	TransactionTotals <TxTtls>	[0..*]			420
	POIGroupIdentification <POIGrpId>	[0..1]	Text		420
	CardBrand <CardBrnd>	[0..1]	Text		420
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		421
	Currency <Ccy>	[0..1]	CodeSet	C1	421
	Type <Tp>	[1..1]	CodeSet		421
	TotalNumber <TtlNb>	[1..1]	Quantity		421
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		422
	DataSet <DataSet>	[0..*]			422
	DataSetIdentification <DataSetId>	[1..1]			425
	Name <Nm>	[1..1]	Text		425
	Type <Tp>	[1..1]	CodeSet		425
	Version <Vrsn>	[0..1]	Text		426
	CreationDateTime <CreDtTm>	[1..1]	DateTime		426
	DataSetResult <DataSetRslt>	[1..1]			426
	Response <Rspn>	[1..1]	CodeSet		426
	ResponseReason <RspnRsn>	[0..1]	Text		426
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		427
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		427
	DataSetInitiator <DataSetInitr>	[0..1]	±		427
	TransactionTotals <TxTtls>	[1..*]			427

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		428
	CardBrand <CardBrnd>	[0..1]	Text		428
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		428
	Currency <Ccy>	[0..1]	CodeSet	C1	428
	Type <Tp>	[1..1]	CodeSet		428
	TotalNumber <TtlNb>	[1..1]	Quantity		429
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		429
	RejectedTransaction <RjctdTx>	[0..*]			429
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		430
	TransactionResponse <TxRspn>	[1..1]			430
	Response <Rspn>	[1..1]	CodeSet		430
	ResponseReason <RspnRsn>	[0..1]	Text		431
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		431
	Environment <Envnt>	[1..1]	±		431
	Transaction <Tx>	[1..1]			437
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		437
	TransactionIdentification <TxId>	[1..1]	±		437
	Response <Rspn>	[1..1]	CodeSet		437
	SuspendedTransaction <SspdTx>	[0..*]			438
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		438
	TransactionResponse <TxRspn>	[1..1]			438
	Response <Rspn>	[1..1]	CodeSet		439
	ResponseReason <RspnRsn>	[0..1]	Text		439
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		439
	Environment <Envnt>	[1..1]	±		439
	Transaction <Tx>	[1..1]			445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		445
	TransactionIdentification <TxId>	[1..1]	±		445
	Response <Rspn>	[1..1]	CodeSet		445
	ResumedApproval <RsmdApprvl>	[0..*]			446
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		446

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			446
	Response <Rspn>	[1..1]	CodeSet		447
	ResponseReason <RspnRsn>	[0..1]	Text		447
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		447
	Environment <Envt>	[1..1]	±		447
	Transaction <Tx>	[1..1]			453
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		453
	TransactionIdentification <TxId>	[1..1]	±		453
	Response <Rspn>	[1..1]	CodeSet		453
	ResumedRejection <RsmrRjctn>	[0..*]			454
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		454
	TransactionResponse <TxRspn>	[1..1]			454
	Response <Rspn>	[1..1]	CodeSet		455
	ResponseReason <RspnRsn>	[0..1]	Text		455
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		455
	Environment <Envt>	[1..1]	±		455
	Transaction <Tx>	[1..1]			461
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		461
	TransactionIdentification <TxId>	[1..1]	±		461
	Response <Rspn>	[1..1]	CodeSet		461
	SecurityTrailer <SctyTrlr>	[0..1]	±		462

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		415
	FormatVersion <FrmtVrsn>	[1..1]	Text		415
	Exchangeldentification <Xchgld>	[1..1]	Quantity		415
	CreationDateTime <CreDtTm>	[1..1]	DateTime		415
	InitiatingParty <InitgPty>	[1..1]	±		416
	RecipientParty <RcptPty>	[0..1]	±		416

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 1516):

- *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 1522

13.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number"](#) on page 1516

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 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

13.4.2 **BatchTransferResponse <BtchTrfRspn>**

Presence: [1..1]

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

BatchTransferResponse <BtchTrfRspn> contains the following
CardPaymentBatchTransferResponse10 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			420
	POIGroupIdentification <POIGrpId>	[0..1]	Text		420
	CardBrand <CardBrnd>	[0..1]	Text		420
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		421
	Currency <Ccy>	[0..1]	CodeSet	C1	421
	Type <Tp>	[1..1]	CodeSet		421
	TotalNumber <TtlNb>	[1..1]	Quantity		421
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		422
	DataSet <DataSet>	[0..*]			422
	DataSetIdentification <DataSetId>	[1..1]			425
	Name <Nm>	[1..1]	Text		425
	Type <Tp>	[1..1]	CodeSet		425
	Version <Vrsn>	[0..1]	Text		426
	CreationDateTime <CreDtTm>	[1..1]	DateTime		426
	DataSetResult <DataSetRslt>	[1..1]			426
	Response <Rspn>	[1..1]	CodeSet		426
	ResponseReason <RspnRsn>	[0..1]	Text		426
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		427
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		427
	DataSetInitiator <DataSetInitr>	[0..1]	±		427
	TransactionTotals <TxTtls>	[1..*]			427
	POIGroupIdentification <POIGrpId>	[0..1]	Text		428
	CardBrand <CardBrnd>	[0..1]	Text		428
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		428
	Currency <Ccy>	[0..1]	CodeSet	C1	428
	Type <Tp>	[1..1]	CodeSet		428
	TotalNumber <TtlNb>	[1..1]	Quantity		429
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		429
	RejectedTransaction <RjctdTx>	[0..*]			429
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		430

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			430
	Response <Rspn>	[1..1]	CodeSet		430
	ResponseReason <RspnRsn>	[0..1]	Text		431
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		431
	Environment <Envnt>	[1..1]	±		431
	Transaction <Tx>	[1..1]			437
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		437
	TransactionIdentification <TxId>	[1..1]	±		437
	Response <Rspn>	[1..1]	CodeSet		437
	SuspendedTransaction <SspdTx>	[0..*]			438
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		438
	TransactionResponse <TxRspn>	[1..1]			438
	Response <Rspn>	[1..1]	CodeSet		439
	ResponseReason <RspnRsn>	[0..1]	Text		439
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		439
	Environment <Envnt>	[1..1]	±		439
	Transaction <Tx>	[1..1]			445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		445
	TransactionIdentification <TxId>	[1..1]	±		445
	Response <Rspn>	[1..1]	CodeSet		445
	ResumedApproval <RsmdApprvl>	[0..*]			446
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		446
	TransactionResponse <TxRspn>	[1..1]			446
	Response <Rspn>	[1..1]	CodeSet		447
	ResponseReason <RspnRsn>	[0..1]	Text		447
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		447
	Environment <Envnt>	[1..1]	±		447
	Transaction <Tx>	[1..1]			453
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		453
	TransactionIdentification <TxId>	[1..1]	±		453
	Response <Rspn>	[1..1]	CodeSet		453

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResumedRejection <RsmdRjctn>	[0..*]			454
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		454
	TransactionResponse <TxRspn>	[1..1]			454
	Response <Rspn>	[1..1]	CodeSet		455
	ResponseReason <RspnRsn>	[0..1]	Text		455
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		455
	Environment <Envnt>	[1..1]	±		455
	Transaction <Tx>	[1..1]			461
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		461
	TransactionIdentification <TxId>	[1..1]	±		461
	Response <Rspn>	[1..1]	CodeSet		461

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		420
	CardBrand <CardBrnd>	[0..1]	Text		420
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		421
	Currency <Ccy>	[0..1]	CodeSet	C1	421
	Type <Tp>	[1..1]	CodeSet		421
	TotalNumber <TtlNb>	[1..1]	Quantity		421
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		422

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 1520

13.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1520

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 1520

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 1461

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 1511

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 1516

13.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

13.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			425
	Name <Nm>	[1..1]	Text		425
	Type <Tp>	[1..1]	CodeSet		425
	Version <Vrsn>	[0..1]	Text		426
	CreationDateTime <CreDtTm>	[1..1]	DateTime		426
	DataSetResult <DataSetRslt>	[1..1]			426
	Response <Rspn>	[1..1]	CodeSet		426
	ResponseReason <RspnRsn>	[0..1]	Text		426
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		427
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		427
	DataSetInitiator <DataSetInitr>	[0..1]	±		427
	TransactionTotals <TxTtls>	[1..*]			427
	POIGroupIdentification <POIGrpId>	[0..1]	Text		428
	CardBrand <CardBrnd>	[0..1]	Text		428
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		428
	Currency <Ccy>	[0..1]	CodeSet	C1	428
	Type <Tp>	[1..1]	CodeSet		428
	TotalNumber <TtlNb>	[1..1]	Quantity		429
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		429
	RejectedTransaction <RjctdTx>	[0..*]			429
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		430
	TransactionResponse <TxRspn>	[1..1]			430
	Response <Rspn>	[1..1]	CodeSet		430
	ResponseReason <RspnRsn>	[0..1]	Text		431
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		431
	Environment <Envt>	[1..1]	±		431
	Transaction <Tx>	[1..1]			437
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		437
	TransactionIdentification <TxId>	[1..1]	±		437
	Response <Rspn>	[1..1]	CodeSet		437
	SuspendedTransaction <SspdTx>	[0..*]			438

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		438
	TransactionResponse <TxRspn>	[1..1]			438
	Response <Rspn>	[1..1]	CodeSet		439
	ResponseReason <RspnRsn>	[0..1]	Text		439
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		439
	Environment <Envvt>	[1..1]	±		439
	Transaction <Tx>	[1..1]			445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		445
	TransactionIdentification <TxId>	[1..1]	±		445
	Response <Rspn>	[1..1]	CodeSet		445
	ResumedApproval <RsmdApprvl>	[0..*]			446
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		446
	TransactionResponse <TxRspn>	[1..1]			446
	Response <Rspn>	[1..1]	CodeSet		447
	ResponseReason <RspnRsn>	[0..1]	Text		447
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		447
	Environment <Envvt>	[1..1]	±		447
	Transaction <Tx>	[1..1]			453
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		453
	TransactionIdentification <TxId>	[1..1]	±		453
	Response <Rspn>	[1..1]	CodeSet		453
	ResumedRejection <RsmdRjctn>	[0..*]			454
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		454
	TransactionResponse <TxRspn>	[1..1]			454
	Response <Rspn>	[1..1]	CodeSet		455
	ResponseReason <RspnRsn>	[0..1]	Text		455
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		455
	Environment <Envvt>	[1..1]	±		455
	Transaction <Tx>	[1..1]			461
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		461
	TransactionIdentification <TxId>	[1..1]	±		461

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		461

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		425
	Type <Tp>	[1..1]	CodeSet		425
	Version <Vrsn>	[0..1]	Text		426
	CreationDateTime <CreDtTm>	[1..1]	DateTime		426

13.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1519

13.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1483

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 1519

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 1514

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		426
	ResponseReason <RspnRsn>	[0..1]	Text		426
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		427

13.4.2.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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 1520

13.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

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 1516):

- *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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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		428
	CardBrand <CardBrnd>	[0..1]	Text		428
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		428
	Currency <Ccy>	[0..1]	CodeSet	C1	428
	Type <Tp>	[1..1]	CodeSet		428
	TotalNumber <TtlNb>	[1..1]	Quantity		429
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		429

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 1520

13.4.2.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1520

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 1520

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 1461

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 1511

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 1516

13.4.2.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

13.4.2.2.6 RejectedTransaction <RjctdTx>

Presence: [0..*]

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

RejectedTransaction <RjctdTx> contains the following **CardPaymentDataSet32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		430
	TransactionResponse <TxRspn>	[1..1]			430
	Response <Rspn>	[1..1]	CodeSet		430
	ResponseReason <RspnRsn>	[0..1]	Text		431
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		431
	Environment <Envt>	[1..1]	±		431
	Transaction <Tx>	[1..1]			437
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		437
	TransactionIdentification <TxId>	[1..1]	±		437
	Response <Rspn>	[1..1]	CodeSet		437

13.4.2.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

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		430
	ResponseReason <RspnRsn>	[0..1]	Text		431
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		431

13.4.2.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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 1520

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 1519

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 "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		437
	TransactionIdentification <TxId>	[1..1]	±		437
	Response <Rspn>	[1..1]	CodeSet		437

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

13.4.2.2.6.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1503

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 <SspdT<

Presence: [0..*]

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

SuspendedTransaction <SspdT< contains the following **CardPaymentDataSet32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		438
	TransactionResponse <TxRspn>	[1..1]			438
	Response <Rspn>	[1..1]	CodeSet		439
	ResponseReason <RspnRsn>	[0..1]	Text		439
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		439
	Environment <Env<	[1..1]	±		439
	Transaction <Tx>	[1..1]			445
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		445
	TransactionIdentification <TxId>	[1..1]	±		445
	Response <Rspn>	[1..1]	CodeSet		445

13.4.2.2.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

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		439
	ResponseReason <RspnRsn>	[0..1]	Text		439
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		439

13.4.2.2.7.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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 1520

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 1519

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 "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		445
	TransactionIdentification <TxId>	[1..1]	±		445
	Response <Rspn>	[1..1]	CodeSet		445

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

13.4.2.2.7.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1503

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 **CardPaymentDataSet32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		446
	TransactionResponse <TxRspn>	[1..1]			446
	Response <Rspn>	[1..1]	CodeSet		447
	ResponseReason <RspnRsn>	[0..1]	Text		447
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		447
	Environment <Envnt>	[1..1]	±		447
	Transaction <Tx>	[1..1]			453
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		453
	TransactionIdentification <TxId>	[1..1]	±		453
	Response <Rspn>	[1..1]	CodeSet		453

13.4.2.2.8.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

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		447
	ResponseReason <RspnRsn>	[0..1]	Text		447
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		447

13.4.2.2.8.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

13.4.2.2.8.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1520

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 1519

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 "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		453
	TransactionIdentification <TxId>	[1..1]	±		453
	Response <Rspn>	[1..1]	CodeSet		453

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

13.4.2.2.8.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1503

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 **CardPaymentDataSet32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		454
	TransactionResponse <TxRspn>	[1..1]			454
	Response <Rspn>	[1..1]	CodeSet		455
	ResponseReason <RspnRsn>	[0..1]	Text		455
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		455
	Environment <Envnt>	[1..1]	±		455
	Transaction <Tx>	[1..1]			461
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		461
	TransactionIdentification <TxId>	[1..1]	±		461
	Response <Rspn>	[1..1]	CodeSet		461

13.4.2.2.9.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

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		455
	ResponseReason <RspnRsn>	[0..1]	Text		455
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		455

13.4.2.2.9.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

13.4.2.2.9.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1520

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 1519

13.4.2.2.9.3 Environment <Envnt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		461
	TransactionIdentification <TxId>	[1..1]	±		461
	Response <Rspn>	[1..1]	CodeSet		461

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

13.4.2.2.9.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1503

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 "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

14 caaa.013.001.11 AcceptorDiagnosticRequestV11

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 AcceptorDiagnosticRequestV11 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]			464
	MessageFunction <MsgFctn>	[1..1]	CodeSet		464
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		466
	ExchangeIdentification <XchgId>	[1..1]	Quantity		466
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		466
	CreationDateTime <CreDtTm>	[1..1]	DateTime		466
	InitiatingParty <InitgPty>	[1..1]	±		466
	RecipientParty <RcptPty>	[0..1]	±		467
	Traceability <Tracblt>	[0..*]	±		467
	DiagnosticRequest <DgnstcReq>	[1..1]			468
	Environment <Envt>	[1..1]	±		468
	AcquirerAvailabilityRequested <AcqrrAvlbtYReqd>	[0..1]	Indicator		474
	SecurityTrailer <SctyTrlr>	[0..1]	±		474

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		464
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		466
	ExchangeIdentification <XchgId>	[1..1]	Quantity		466
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		466
	CreationDateTime <CreDtTm>	[1..1]	DateTime		466
	InitiatingParty <InitgPty>	[1..1]	±		466
	RecipientParty <RcptPty>	[0..1]	±		467
	Traceability <Tracblt>	[0..*]	±		467

14.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

14.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

14.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

14.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

14.4.2 DiagnosticRequest <DgnstcReq>

Presence: [1..1]

Definition: Information related to the diagnostic request.

DiagnosticRequest <DgnstcReq> contains the following **AcceptorDiagnosticRequest11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		468
	AcquirerAvailabilityRequested <AcqrrAvlbttyReqd>	[0..1]	Indicator		474

14.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

14.4.2.2 AcquirerAvailabilityRequested <AcqrrAvlbtYReqd>

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 1516):

- *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 "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

15 caaa.014.001.10 AcceptorDiagnosticResponseV10

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 AcceptorDiagnosticResponseV10 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]			477
	MessageFunction <MsgFctn>	[1..1]	CodeSet		477
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		479
	ExchangeIdentification <XchgId>	[1..1]	Quantity		479
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		479
	CreationDateTime <CreDtTm>	[1..1]	DateTime		479
	InitiatingParty <InitgPty>	[1..1]	±		479
	RecipientParty <RcptPty>	[0..1]	±		479
	Traceability <Tracblt>	[0..*]	±		480
	DiagnosticResponse <DgnstcRspn>	[1..1]			480
	Environment <Envt>	[1..1]	±		481
	TMSTrigger <TMSTrggr>	[0..1]			487
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		487
	TMSIdentification <TMSId>	[0..1]	Text		487
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		488
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		488
	SecurityTrailer <SctyTrlr>	[0..1]	±		488

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		477
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		479
	ExchangeIdentification <XchgId>	[1..1]	Quantity		479
	ReTransmissionCounter <ReTrnsmssnCntnr>	[0..1]	Text		479
	CreationDateTime <CreDtTm>	[1..1]	DateTime		479
	InitiatingParty <InitgPty>	[1..1]	±		479
	RecipientParty <RcptPty>	[0..1]	±		479
	Traceability <Tracblt>	[0..*]	±		480

15.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

15.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

15.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

15.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

15.4.2 DiagnosticResponse <DgnstcRspn>

Presence: [1..1]

Definition: Information related to the diagnostic response.

DiagnosticResponse <DgnstcRspn> contains the following **AcceptorDiagnosticResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		481
	TMSTrigger <TMSTrggr>	[0..1]			487
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		487
	TMSIdentification <TMSId>	[0..1]	Text		487
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		488
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		488

15.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		487
	TMSIdentification <TMSId>	[0..1]	Text		487
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		488

15.4.2.2.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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 1520

15.4.2.2.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

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 1516):

- *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 "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

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
	Message root <Document> <AccptrRjctn>	[1..1]			
	Header <Hdr>	[1..1]			490
	MessageFunction <MsgFctn>	[1..1]	CodeSet		490
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		490
	ExchangeIdentification <XchgId>	[0..1]	Quantity		490
	CreationDateTime <CreDtTm>	[1..1]	DateTime		490
	InitiatingParty <InitgPty>	[0..1]	±		491
	RecipientParty <RcptPty>	[0..1]	±		491
	Traceability <Tracblt>	[0..*]	±		492
	Reject <Rjct>	[1..1]			492
	RejectReason <RjctRsn>	[1..1]	CodeSet		492
	AdditionalInformation <AddtlInf>	[0..1]	Text		493
	MessageInError <MsgInErr>	[0..1]	Binary		493

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		490
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		490
	ExchangeIdentification <Xchgld>	[0..1]	Quantity		490
	CreationDateTime <CreDtTm>	[1..1]	DateTime		490
	InitiatingParty <InitgPty>	[0..1]	±		491
	RecipientParty <RcptPty>	[0..1]	±		491
	Traceability <Tracblt>	[0..*]	±		492

16.3.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction9Code" on page 1493

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 1522

16.3.1.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

16.3.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmln>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

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		492
	AdditionalInformation <AddtlInf>	[0..1]	Text		493
	MessageInError <MsgInErr>	[0..1]	Binary		493

16.3.2.1 RejectReason <RjctRsn>

Presence: [1..1]

Definition: Reject reason of the request or the advice.

Datatype: "RejectReason1Code" on page 1502

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 1521

16.3.2.3 MessageInError <MsgInErr>

Presence: [0..1]

Definition: Original request that caused the recipient party to reject it.

Datatype: "Max100KBinary" on page 1458

17 caaa.016.001.10 AcceptorCurrencyConversionRequestV10

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 AcceptorCurrencyConversionRequestV10 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]			495
	MessageFunction <MsgFctn>	[1..1]	CodeSet		495
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		497
	ExchangeIdentification <XchgId>	[1..1]	Quantity		497
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		497
	CreationDateTime <CreDtTm>	[1..1]	DateTime		497
	InitiatingParty <InitgPty>	[1..1]	±		497
	RecipientParty <RcptPty>	[0..1]	±		498
	Traceability <Tracblt>	[0..*]	±		498
	CurrencyConversionRequest <CcyConvsReq>	[1..1]			499
	Environment <Envt>	[1..1]	±		499
	Transaction <Tx>	[0..1]	±		505
	SecurityTrailer <SctyTrlr>	[0..1]	±		510

17.3 Constraints

C1 ActiveCurrency

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

C2 Country

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

C3 ValidationByTable

Must be a valid terrestrial language.

C4 ValidationByTable

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

17.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

17.4.1 Header <Hdr>

Presence: [1..1]

Definition: Currency Conversion request message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		495
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		497
	ExchangeIdentification <XchgId>	[1..1]	Quantity		497
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		497
	CreationDateTime <CreDtTm>	[1..1]	DateTime		497
	InitiatingParty <InitgPty>	[1..1]	±		497
	RecipientParty <RcptPty>	[0..1]	±		498
	Traceability <Tracblt>	[0..*]	±		498

17.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

17.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

17.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

17.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

17.4.2 CurrencyConversionRequest <CcyConvsReq>

Presence: [1..1]

Definition: Information related to the currency conversion request.

CurrencyConversionRequest <CcyConvsReq> contains the following
AcceptorCurrencyConversionRequest10 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		499
	Transaction <Tx>	[0..1]	±		505

17.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Env> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 "CardPaymentTransaction127" on page 1161 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1166
	TransactionType <TxTp>	[1..1]	CodeSet		1166
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1167
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1167
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1168
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1168
	TransactionIdentification <TxId>	[1..1]	±		1168
	OriginalTransaction <OrgnlTx>	[0..1]			1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1170
	TransactionIdentification <TxId>	[1..1]	±		1170
	POIdentification <POId>	[1..1]	±		1170
	CurrencyConversion <CcyConvs>	[0..1]			1170
	Result <Rslt>	[1..1]	CodeSet		1173
	ResultReason <RsltRsn>	[0..1]	Text		1173
	ConversionDetails <ConvsDtls>	[0..*]			1173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <AplblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1179
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1180
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1180
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1180
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1180
	TransactionDetails <TxDtls>	[1..1]			1181
	Currency <Ccy>	[0..1]	CodeSet	C1	1183
	TotalAmount <TtlAmt>	[1..1]	Amount		1184
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1184
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1184
	DetailedAmount <DtldAmt>	[0..1]	±		1184
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1185
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1185
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1185
	ValidityDate <VldtyDt>	[0..1]	Date		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1185
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1186
	AccountType <AcctTp>	[0..1]	CodeSet		1186
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1187
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1189
	Conversion <Convs>	[0..1]			1189
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <AplblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1195
	Instalment <Instlmt>	[0..*]	±		1196
	AggregationTransaction <AggtTx>	[0..1]	±		1197
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1198
	SaleItem <SaleItm>	[0..*]	±		1198
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1199
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1199
	AdditionalInformation <AddtlInf>	[0..*]			1199
	Identification <Id>	[1..1]	Text		1200
	Value <Val>	[0..1]	Binary		1200
	ProtectedValue <PrctcdVal>	[0..1]	±		1200
	Type <Tp>	[0..1]	Text		1200
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1200
	AuthorisationResult <AuthstnRslt>	[0..1]			1201
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1201
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1201
	Response <Rspn>	[1..1]	CodeSet		1202
	ResponseReason <RspnRsn>	[0..1]	Text		1202
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1202
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1202
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1202
	CustomerOrder <CstmrOrdr>	[0..1]	±		1202
	CustomerToken <CstmrTkn>	[0..1]	±		1203
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1204
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1204
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1204
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1204
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1204
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1204

17.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

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AcceptorCurrencyConversionResponseV10

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 AcceptorCurrencyConversionResponseV10 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]			516
	MessageFunction <MsgFctn>	[1..1]	CodeSet		516
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		518
	ExchangeIdentification <XchgId>	[1..1]	Quantity		518
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		518
	CreationDateTime <CreDtTm>	[1..1]	DateTime		518
	InitiatingParty <InitgPty>	[1..1]	±		518
	RecipientParty <RcptPty>	[0..1]	±		519
	Traceability <Tracblt>	[0..*]	±		519
	CurrencyConversionResponse <CcyConvsRspn>	[1..1]			520
	Environment <Envt>	[1..1]	±		524
	Transaction <Tx>	[1..1]			530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		533
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		533
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		533
	InterchangeData <IntrchgData>	[0..1]	Text		533
	TransactionDetails <TxDtls>	[1..1]			534
	Currency <Ccy>	[0..1]	CodeSet	C1	536
	TotalAmount <TtlAmt>	[1..1]	Amount		537
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		537
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		537
	DetailedAmount <DtldAmt>	[0..1]	±		537
	RequestedAmount <ReqdAmt>	[0..1]	Amount		538
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		538
	InvoiceAmount <InvcAmt>	[0..1]	Amount		538
	ValidityDate <VldtyDt>	[0..1]	Date		538
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		538

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		539
	AccountType <AcctTp>	[0..1]	CodeSet		539
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			540
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		542
	Conversion <Convs>	[0..1]			542
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		544
	TargetCurrency <TrgtCcy>	[1..1]			544
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	544
	NumericCode <NmrcCd>	[1..1]	Text		544
	Decimal <Dcml>	[1..1]	Quantity		544
	Name <Nm>	[0..1]	Text		544
	ResultingAmount <RsItgAmt>	[0..1]	Amount		545
	ExchangeRate <XchgRate>	[1..1]	Rate		545
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		545
	QuotationDate <QtnDt>	[0..1]	DateTime		545
	ValidFrom <VldFr>	[0..1]	DateTime		545
	ValidUntil <VldUntil>	[0..1]	DateTime		545
	SourceCurrency <SrcCcy>	[1..1]			545
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	546
	NumericCode <NmrcCd>	[0..1]	Text		546
	Decimal <Dcml>	[0..1]	Quantity		546
	Name <Nm>	[0..1]	Text		546
	ApplicableBinRange <AplblBinRg>	[0..*]			546
	LowerBin <LwrBin>	[1..1]	Text		547
	HigherBin <HghrBin>	[1..1]	Text		547
	OriginalAmount <OrgnlAmt>	[0..1]			547
	ActualAmount <ActlAmt>	[0..1]	Amount		547
	MinimumAmount <MinAmt>	[0..1]	Amount		547
	MaximumAmount <MaxAmt>	[0..1]	Amount		547
	CommissionDetails <ComssnDtls>	[0..*]			548
	Amount <Amt>	[1..1]	Amount		548

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	MarkUpDetails <MrkUpDtls>	[0..*]			548
	Rate <Rate>	[1..1]	Rate		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	DeclarationDetails <DclrtDtls>	[0..*]	±		548
	Instalment <Instlmt>	[0..*]	±		549
	AggregationTransaction <AggtTx>	[0..1]	±		550
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		551
	SaleItem <Saleitm>	[0..*]	±		551
	DeliveryLocation <DlvryLctn>	[0..1]	Text		552
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		552
	AdditionalInformation <AddtlInf>	[0..*]			552
	Identification <Id>	[1..1]	Text		553
	Value <Val>	[0..1]	Binary		553
	ProtectedValue <PrctdVal>	[0..1]	±		553
	Type <Tp>	[0..1]	Text		553
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		553
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		554
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			554
	Result <Rslt>	[1..1]	CodeSet		556
	ResultReason <RsltRsn>	[0..1]	Text		556
	ConversionDetails <ConvsDtls>	[0..*]			556
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		558
	TargetCurrency <TrgtCcy>	[1..1]			558
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	558
	NumericCode <NmrcCd>	[1..1]	Text		558
	Decimal <Dcml>	[1..1]	Quantity		558
	Name <Nm>	[0..1]	Text		558
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		559
	ExchangeRate <XchgRate>	[1..1]	Rate		559
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		559

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		559
	ValidFrom <VldFr>	[0..1]	DateTime		559
	ValidUntil <VldUntil>	[0..1]	DateTime		559
	SourceCurrency <SrcCcy>	[1..1]			559
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	560
	NumericCode <NmrcCd>	[0..1]	Text		560
	Decimal <Dcml>	[0..1]	Quantity		560
	Name <Nm>	[0..1]	Text		560
	ApplicableBinRange <AplblBinRg>	[0..*]			560
	LowerBin <LwrBin>	[1..1]	Text		561
	HigherBin <HghrBin>	[1..1]	Text		561
	OriginalAmount <OrgnlAmt>	[0..1]			561
	ActualAmount <ActlAmt>	[0..1]	Amount		561
	MinimumAmount <MinAmt>	[0..1]	Amount		561
	MaximumAmount <MaxAmt>	[0..1]	Amount		561
	CommissionDetails <ComssnDtls>	[0..*]			562
	Amount <Amt>	[1..1]	Amount		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562
	MarkUpDetails <MrkUpDtls>	[0..*]			562
	Rate <Rate>	[1..1]	Rate		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562
	DeclarationDetails <DclrtDtls>	[0..*]	±		562
	SecurityTrailer <SctyTrlr>	[0..1]	±		563

18.3 Constraints

C1 ActiveCurrency

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

C2 Country

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

C3 ValidationByTable

Must be a valid terrestrial language.

C4 ValidationByTable

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

18.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

18.4.1 Header <Hdr>

Presence: [1..1]

Definition: Currency conversion response message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		516
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		518
	Exchangeldentification <Xchgld>	[1..1]	Quantity		518
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		518
	CreationDateTime <CreDtTm>	[1..1]	DateTime		518
	InitiatingParty <InitgPty>	[1..1]	±		518
	RecipientParty <RcptPty>	[0..1]	±		519
	Traceability <Tracblt>	[0..*]	±		519

18.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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.

18.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1522

18.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

18.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

18.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

18.4.2 CurrencyConversionResponse <CcyConvsRspn>

Presence: [1..1]

Definition: Information related to the outcome of the currency conversion.

CurrencyConversionResponse <CcyConvsRspn> contains the following
AcceptorCurrencyConversionResponse10 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		524
	Transaction <Tx>	[1..1]			530
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		533
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		533
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		533
	InterchangeData <IntrchnngData>	[0..1]	Text		533
	TransactionDetails <TxDtls>	[1..1]			534
	Currency <Ccy>	[0..1]	CodeSet	C1	536
	TotalAmount <TtlAmt>	[1..1]	Amount		537
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		537
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		537
	DetailedAmount <DtldAmt>	[0..1]	±		537
	RequestedAmount <ReqdAmt>	[0..1]	Amount		538
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		538
	InvoiceAmount <InvcAmt>	[0..1]	Amount		538
	ValidityDate <VldtyDt>	[0..1]	Date		538
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		538
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		539
	AccountType <AcctTp>	[0..1]	CodeSet		539
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			540
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		542
	Conversion <Convs>	[0..1]			542
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		544
	TargetCurrency <TrgtCcy>	[1..1]			544
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	544
	NumericCode <NmrcCd>	[1..1]	Text		544
	Decimal <Dcml>	[1..1]	Quantity		544
	Name <Nm>	[0..1]	Text		544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		545
	ExchangeRate <XchgRate>	[1..1]	Rate		545
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		545
	QuotationDate <QtnDt>	[0..1]	DateTime		545
	ValidFrom <VldFr>	[0..1]	DateTime		545
	ValidUntil <VldUntil>	[0..1]	DateTime		545
	SourceCurrency <SrcCcy>	[1..1]			545
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	546
	NumericCode <NmrcCd>	[0..1]	Text		546
	Decimal <Dcml>	[0..1]	Quantity		546
	Name <Nm>	[0..1]	Text		546
	ApplicableBinRange <AplblBinRg>	[0..*]			546
	LowerBin <LwrBin>	[1..1]	Text		547
	HigherBin <HghrBin>	[1..1]	Text		547
	OriginalAmount <OrgnlAmt>	[0..1]			547
	ActualAmount <ActlAmt>	[0..1]	Amount		547
	MinimumAmount <MinAmt>	[0..1]	Amount		547
	MaximumAmount <MaxAmt>	[0..1]	Amount		547
	CommissionDetails <ComssnDtls>	[0..*]			548
	Amount <Amt>	[1..1]	Amount		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	MarkUpDetails <MrkUpDtls>	[0..*]			548
	Rate <Rate>	[1..1]	Rate		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	DeclarationDetails <Dclrtndtls>	[0..*]	±		548
	Instalment <Instlmt>	[0..*]	±		549
	AggregationTransaction <AggtnTx>	[0..1]	±		550
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		551
	SaleItem <Saleitm>	[0..*]	±		551
	DeliveryLocation <DlvryLctn>	[0..1]	Text		552
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		552

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			552
	Identification <Id>	[1..1]	Text		553
	Value <Val>	[0..1]	Binary		553
	ProtectedValue <PrctcdVal>	[0..1]	±		553
	Type <Tp>	[0..1]	Text		553
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		553
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		554
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			554
	Result <Rslt>	[1..1]	CodeSet		556
	ResultReason <RsltRsn>	[0..1]	Text		556
	ConversionDetails <ConvsDtls>	[0..*]			556
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		558
	TargetCurrency <TrgtCcy>	[1..1]			558
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	558
	NumericCode <NmrcCd>	[1..1]	Text		558
	Decimal <Dcml>	[1..1]	Quantity		558
	Name <Nm>	[0..1]	Text		558
	ResultingAmount <RsltAmt>	[0..1]	Amount		559
	ExchangeRate <XchgRate>	[1..1]	Rate		559
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		559
	QuotationDate <QtnDt>	[0..1]	DateTime		559
	ValidFrom <VldFr>	[0..1]	DateTime		559
	ValidUntil <VldUntil>	[0..1]	DateTime		559
	SourceCurrency <SrcCcy>	[1..1]			559
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	560
	NumericCode <NmrcCd>	[0..1]	Text		560
	Decimal <Dcml>	[0..1]	Quantity		560
	Name <Nm>	[0..1]	Text		560
	ApplicableBinRange <AplblBinRg>	[0..*]			560
	LowerBin <LwrBin>	[1..1]	Text		561
	HigherBin <HghrBin>	[1..1]	Text		561

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			561
	ActualAmount <ActlAmt>	[0..1]	Amount		561
	MinimumAmount <MinAmt>	[0..1]	Amount		561
	MaximumAmount <MaxAmt>	[0..1]	Amount		561
	CommissionDetails <ComssnDtls>	[0..*]			562
	Amount <Amt>	[1..1]	Amount		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562
	MarkUpDetails <MrkUpDtls>	[0..*]			562
	Rate <Rate>	[1..1]	Rate		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562
	DeclarationDetails <DclrtnDtls>	[0..*]	±		562

18.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscItyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 **CardPaymentTransaction129** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		533
	TransactionIdentification <TxId>	[1..1]	±		533
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		533
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		533
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		533
	InterchangeData <IntrchgData>	[0..1]	Text		533
	TransactionDetails <TxDtls>	[1..1]			534
	Currency <Ccy>	[0..1]	CodeSet	C1	536
	TotalAmount <TtlAmt>	[1..1]	Amount		537
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		537
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		537
	DetailedAmount <DtlAmt>	[0..1]	±		537
	RequestedAmount <ReqdAmt>	[0..1]	Amount		538
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		538
	InvoiceAmount <InvcAmt>	[0..1]	Amount		538
	ValidityDate <VldtyDt>	[0..1]	Date		538
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		538
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		539
	AccountType <AcctTp>	[0..1]	CodeSet		539
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			540
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		542
	Conversion <Convs>	[0..1]			542
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		544
	TargetCurrency <TrgtCcy>	[1..1]			544
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	544
	NumericCode <NmrcCd>	[1..1]	Text		544
	Decimal <Dcml>	[1..1]	Quantity		544
	Name <Nm>	[0..1]	Text		544
	ResultingAmount <RsltgAmt>	[0..1]	Amount		545
	ExchangeRate <XchgRate>	[1..1]	Rate		545
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		545

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		545
	ValidFrom <VldFr>	[0..1]	DateTime		545
	ValidUntil <VldUntil>	[0..1]	DateTime		545
	SourceCurrency <SrcCcy>	[1..1]			545
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	546
	NumericCode <NmrcCd>	[0..1]	Text		546
	Decimal <Dcml>	[0..1]	Quantity		546
	Name <Nm>	[0..1]	Text		546
	ApplicableBinRange <AplblBinRg>	[0..*]			546
	LowerBin <LwrBin>	[1..1]	Text		547
	HigherBin <HghrBin>	[1..1]	Text		547
	OriginalAmount <OrgnlAmt>	[0..1]			547
	ActualAmount <ActlAmt>	[0..1]	Amount		547
	MinimumAmount <MinAmt>	[0..1]	Amount		547
	MaximumAmount <MaxAmt>	[0..1]	Amount		547
	CommissionDetails <ComssnDtls>	[0..*]			548
	Amount <Amt>	[1..1]	Amount		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	MarkUpDetails <MrkUpDtls>	[0..*]			548
	Rate <Rate>	[1..1]	Rate		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	DeclarationDetails <Dclrtndtls>	[0..*]	±		548
	Instalment <Instlmt>	[0..*]	±		549
	AggregationTransaction <AggtnTx>	[0..1]	±		550
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		551
	SaleItem <Saleitm>	[0..*]	±		551
	DeliveryLocation <DlvryLctn>	[0..1]	Text		552
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		552
	AdditionalInformation <AddtlInf>	[0..*]			552
	Identification <Id>	[1..1]	Text		553
	Value <Val>	[0..1]	Binary		553

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		553
	Type <Tp>	[0..1]	Text		553
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		553
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		554

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

18.4.2.2.6 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

18.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	536
	TotalAmount <TtlAmt>	[1..1]	Amount		537
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		537
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		537
	DetailedAmount <DtldAmt>	[0..1]	±		537
	RequestedAmount <ReqdAmt>	[0..1]	Amount		538
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		538
	InvoiceAmount <InvcAmt>	[0..1]	Amount		538
	ValidityDate <VldtyDt>	[0..1]	Date		538
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		538
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		539
	AccountType <AcctTp>	[0..1]	CodeSet		539
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			540
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		542
	Conversion <Convs>	[0..1]			542
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		544
	TargetCurrency <TrgtCcy>	[1..1]			544
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	544
	NumericCode <NmrcCd>	[1..1]	Text		544
	Decimal <Dcml>	[1..1]	Quantity		544
	Name <Nm>	[0..1]	Text		544
	ResultingAmount <RsltgAmt>	[0..1]	Amount		545
	ExchangeRate <XchgRate>	[1..1]	Rate		545
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		545
	QuotationDate <QtnDt>	[0..1]	DateTime		545
	ValidFrom <VldFr>	[0..1]	DateTime		545
	ValidUntil <VldUntil>	[0..1]	DateTime		545
	SourceCurrency <SrcCcy>	[1..1]			545
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	546
	NumericCode <NmrcCd>	[0..1]	Text		546
	Decimal <Dcml>	[0..1]	Quantity		546

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		546
	ApplicableBinRange <AplblBinRg>	[0..*]			546
	LowerBin <LwrBin>	[1..1]	Text		547
	HigherBin <HghrBin>	[1..1]	Text		547
	OriginalAmount <OrgnlAmt>	[0..1]			547
	ActualAmount <ActlAmt>	[0..1]	Amount		547
	MinimumAmount <MinAmt>	[0..1]	Amount		547
	MaximumAmount <MaxAmt>	[0..1]	Amount		547
	CommissionDetails <ComssnDtls>	[0..*]			548
	Amount <Amt>	[1..1]	Amount		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	MarkUpDetails <MrkUpDtls>	[0..*]			548
	Rate <Rate>	[1..1]	Rate		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	DeclarationDetails <DclrtnDtls>	[0..*]	±		548
	Instalment <Instlmt>	[0..*]	±		549
	AggregationTransaction <AggtnTx>	[0..1]	±		550
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		551
	SaleItem <SaleItm>	[0..*]	±		551
	DeliveryLocation <DlvryLctn>	[0..1]	Text		552
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		552
	AdditionalInformation <AddtlInf>	[0..*]			552
	Identification <Id>	[1..1]	Text		553
	Value <Val>	[0..1]	Binary		553
	ProtectedValue <PrctcdVal>	[0..1]	±		553
	Type <Tp>	[0..1]	Text		553
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		553

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 1461

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 1457

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 1457

18.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

18.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

18.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

18.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

18.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

18.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

18.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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 **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		542
	Conversion <Convs>	[0..1]			542
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		544
	TargetCurrency <TrgtCcy>	[1..1]			544
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	544
	NumericCode <NmrcCd>	[1..1]	Text		544
	Decimal <Dcml>	[1..1]	Quantity		544
	Name <Nm>	[0..1]	Text		544
	ResultingAmount <RsltgAmt>	[0..1]	Amount		545
	ExchangeRate <XchgRate>	[1..1]	Rate		545
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		545
	QuotationDate <QtnDt>	[0..1]	DateTime		545
	ValidFrom <VldFr>	[0..1]	DateTime		545
	ValidUntil <VldUntil>	[0..1]	DateTime		545
	SourceCurrency <SrcCcy>	[1..1]			545
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	546
	NumericCode <NmrcCd>	[0..1]	Text		546
	Decimal <Dcml>	[0..1]	Quantity		546
	Name <Nm>	[0..1]	Text		546
	ApplicableBinRange <AplblBinRg>	[0..*]			546
	LowerBin <LwrBin>	[1..1]	Text		547
	HigherBin <HghrBin>	[1..1]	Text		547
	OriginalAmount <OrgnlAmt>	[0..1]			547
	ActualAmount <ActlAmt>	[0..1]	Amount		547
	MinimumAmount <MinAmt>	[0..1]	Amount		547
	MaximumAmount <MaxAmt>	[0..1]	Amount		547
	CommissionDetails <ComssnDtls>	[0..*]			548
	Amount <Amt>	[1..1]	Amount		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	MarkUpDetails <MrkUpDtls>	[0..*]			548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	DeclarationDetails <DclrtnDtls>	[0..*]	±		548

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 1516):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		544
	TargetCurrency <TrgtCcy>	[1..1]			544
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	544
	NumericCode <NmrcCd>	[1..1]	Text		544
	Decimal <Dcml>	[1..1]	Quantity		544
	Name <Nm>	[0..1]	Text		544
	ResultingAmount <RsltAmt>	[0..1]	Amount		545
	ExchangeRate <XchgRate>	[1..1]	Rate		545
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		545
	QuotationDate <QtnDt>	[0..1]	DateTime		545
	ValidFrom <VldFr>	[0..1]	DateTime		545
	ValidUntil <VldUntil>	[0..1]	DateTime		545
	SourceCurrency <SrcCcy>	[1..1]			545
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	546
	NumericCode <NmrcCd>	[0..1]	Text		546
	Decimal <Dcml>	[0..1]	Quantity		546
	Name <Nm>	[0..1]	Text		546
	ApplicableBinRange <AplblBinRg>	[0..*]			546
	LowerBin <LwrBin>	[1..1]	Text		547
	HigherBin <HghrBin>	[1..1]	Text		547
	OriginalAmount <OrgnlAmt>	[0..1]			547
	ActualAmount <ActlAmt>	[0..1]	Amount		547
	MinimumAmount <MinAmt>	[0..1]	Amount		547
	MaximumAmount <MaxAmt>	[0..1]	Amount		547
	CommissionDetails <ComssnDtls>	[0..*]			548
	Amount <Amt>	[1..1]	Amount		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	MarkUpDetails <MrkUpDtls>	[0..*]			548
	Rate <Rate>	[1..1]	Rate		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548
	DeclarationDetails <DclrtDtls>	[0..*]	±		548

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 1520

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	544
	NumericCode <NmrcCd>	[1..1]	Text		544
	Decimal <Dcml>	[1..1]	Quantity		544
	Name <Nm>	[0..1]	Text		544

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 1461

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 1517

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 1516

18.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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 1457

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 1517

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 1517

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 1514

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 1514

18.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	546
	NumericCode <NmrcCd>	[0..1]	Text		546
	Decimal <Dcml>	[0..1]	Quantity		546
	Name <Nm>	[0..1]	Text		546

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 1461

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 1517

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 1516

18.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		547
	HigherBin <HghrBin>	[1..1]	Text		547

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 1519

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 1519

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		547
	MinimumAmount <MinAmt>	[0..1]	Amount		547
	MaximumAmount <MaxAmt>	[0..1]	Amount		547

18.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548

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 1457

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 1520

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		548
	AdditionalInformation <AddtlInf>	[0..1]	Text		548

18.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

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 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

18.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

18.4.2.2.7.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

18.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

18.4.2.2.7.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

18.4.2.2.7.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

18.4.2.2.7.19 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 1516

18.4.2.2.7.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		553
	Value <Val>	[0..1]	Binary		553
	ProtectedValue <PrctcdVal>	[0..1]	±		553
	Type <Tp>	[0..1]	Text		553

18.4.2.2.7.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

18.4.2.2.7.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

18.4.2.2.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

18.4.2.2.7.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

18.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

18.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1522

18.4.2.3 CurrencyConversionResult <CcyConvsRslt>

Presence: [1..1]

Definition: Details of the currency conversion.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <RsIt>	[1..1]	CodeSet		556
	ResultReason <RsItRsn>	[0..1]	Text		556
	ConversionDetails <ConvDsDtls>	[0..*]			556
	CurrencyConversionIdentification <CcyConvSld>	[0..1]	Text		558
	TargetCurrency <TrgtCcy>	[1..1]			558
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	558
	NumericCode <NmrcCd>	[1..1]	Text		558
	Decimal <Dcml>	[1..1]	Quantity		558
	Name <Nm>	[0..1]	Text		558
	ResultingAmount <RsltAmt>	[0..1]	Amount		559
	ExchangeRate <XchgRate>	[1..1]	Rate		559
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		559
	QuotationDate <QtnDt>	[0..1]	DateTime		559
	ValidFrom <VldFr>	[0..1]	DateTime		559
	ValidUntil <VldUntil>	[0..1]	DateTime		559
	SourceCurrency <SrcCcy>	[1..1]			559
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	560
	NumericCode <NmrcCd>	[0..1]	Text		560
	Decimal <Dcml>	[0..1]	Quantity		560
	Name <Nm>	[0..1]	Text		560
	ApplicableBinRange <AplblBinRg>	[0..*]			560
	LowerBin <LwrBin>	[1..1]	Text		561
	HigherBin <HghrBin>	[1..1]	Text		561
	OriginalAmount <OrgnlAmt>	[0..1]			561
	ActualAmount <ActlAmt>	[0..1]	Amount		561
	MinimumAmount <MinAmt>	[0..1]	Amount		561
	MaximumAmount <MaxAmt>	[0..1]	Amount		561
	CommissionDetails <ComssnDtls>	[0..*]			562
	Amount <Amt>	[1..1]	Amount		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562

Or	MessageElement <XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			562
	Rate <Rate>	[1..1]	Rate		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562
	DeclarationDetails <DclrtnDtls>	[0..*]	±		562

18.4.2.3.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1482

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 1520

18.4.2.3.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		558
	TargetCurrency <TrgtCcy>	[1..1]			558
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	558
	NumericCode <NmrcCd>	[1..1]	Text		558
	Decimal <Dcml>	[1..1]	Quantity		558
	Name <Nm>	[0..1]	Text		558
	ResultingAmount <RsltAmt>	[0..1]	Amount		559
	ExchangeRate <XchgRate>	[1..1]	Rate		559
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		559
	QuotationDate <QtnDt>	[0..1]	DateTime		559
	ValidFrom <VldFr>	[0..1]	DateTime		559
	ValidUntil <VldUntil>	[0..1]	DateTime		559
	SourceCurrency <SrcCcy>	[1..1]			559
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	560
	NumericCode <NmrcCd>	[0..1]	Text		560
	Decimal <Dcml>	[0..1]	Quantity		560
	Name <Nm>	[0..1]	Text		560
	ApplicableBinRange <AplblBinRg>	[0..*]			560
	LowerBin <LwrBin>	[1..1]	Text		561
	HigherBin <HghrBin>	[1..1]	Text		561
	OriginalAmount <OrgnlAmt>	[0..1]			561
	ActualAmount <ActlAmt>	[0..1]	Amount		561
	MinimumAmount <MinAmt>	[0..1]	Amount		561
	MaximumAmount <MaxAmt>	[0..1]	Amount		561
	CommissionDetails <ComssnDtls>	[0..*]			562
	Amount <Amt>	[1..1]	Amount		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562
	MarkUpDetails <MrkUpDtls>	[0..*]			562
	Rate <Rate>	[1..1]	Rate		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562
	DeclarationDetails <DclrtDtls>	[0..*]	±		562

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 1520

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	558
	NumericCode <NmrcCd>	[1..1]	Text		558
	Decimal <Dcml>	[1..1]	Quantity		558
	Name <Nm>	[0..1]	Text		558

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 1461

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 1517

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 1516

18.4.2.3.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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 1457

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 1517

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 1517

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 1514

18.4.2.3.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

18.4.2.3.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	560
	NumericCode <NmrcCd>	[0..1]	Text		560
	Decimal <Dcml>	[0..1]	Quantity		560
	Name <Nm>	[0..1]	Text		560

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 1461

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 1517

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 1516

18.4.2.3.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		561
	HigherBin <HghrBin>	[1..1]	Text		561

18.4.2.3.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

18.4.2.3.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

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		561
	MinimumAmount <MinAmt>	[0..1]	Amount		561
	MaximumAmount <MaxAmt>	[0..1]	Amount		561

18.4.2.3.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562

18.4.2.3.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

18.4.2.3.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

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		562
	AdditionalInformation <AddtlInf>	[0..1]	Text		562

18.4.2.3.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

18.4.2.3.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

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 "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

19 caaa.018.001.07 AcceptorCurrencyConversionAdviceV07

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 AcceptorCurrencyConversionAdviceV07 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]			569
	MessageFunction <MsgFctn>	[1..1]	CodeSet		569
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		571
	ExchangeIdentification <XchgId>	[1..1]	Quantity		571
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		571
	CreationDateTime <CreDtTm>	[1..1]	DateTime		571
	InitiatingParty <InitgPty>	[1..1]	±		571
	RecipientParty <RcptPty>	[0..1]	±		572
	Traceability <Tracblt>	[0..*]	±		572
	AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv>	[1..1]			573
	Environment <Env>	[1..1]	±		577
	Transaction <Tx>	[1..1]			583
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		586
	TransactionIdentification <TxId>	[1..1]	±		586
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		586
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		586
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		586
	InterchangeData <IntrchgData>	[0..1]	Text		586
	TransactionDetails <TxDtls>	[1..1]			587
	Currency <Ccy>	[0..1]	CodeSet	C1	589
	TotalAmount <TtlAmt>	[1..1]	Amount		590
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		590
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		590
	DetailedAmount <DtldAmt>	[0..1]	±		590
	RequestedAmount <ReqdAmt>	[0..1]	Amount		591
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		591
	InvoiceAmount <InvcAmt>	[0..1]	Amount		591
	ValidityDate <VldtyDt>	[0..1]	Date		591
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		591

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		592
	AccountType <AcctTp>	[0..1]	CodeSet		592
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			593
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		595
	Conversion <Convs>	[0..1]			595
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		597
	TargetCurrency <TrgtCcy>	[1..1]			597
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	597
	NumericCode <NmrcCd>	[1..1]	Text		597
	Decimal <Dcml>	[1..1]	Quantity		597
	Name <Nm>	[0..1]	Text		597
	ResultingAmount <RsltAmt>	[0..1]	Amount		598
	ExchangeRate <XchgRate>	[1..1]	Rate		598
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		598
	QuotationDate <QtnDt>	[0..1]	DateTime		598
	ValidFrom <VldFr>	[0..1]	DateTime		598
	ValidUntil <VldUntil>	[0..1]	DateTime		598
	SourceCurrency <SrcCcy>	[1..1]			598
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	599
	NumericCode <NmrcCd>	[0..1]	Text		599
	Decimal <Dcml>	[0..1]	Quantity		599
	Name <Nm>	[0..1]	Text		599
	ApplicableBinRange <AplblBinRg>	[0..*]			599
	LowerBin <LwrBin>	[1..1]	Text		600
	HigherBin <HghrBin>	[1..1]	Text		600
	OriginalAmount <OrgnlAmt>	[0..1]			600
	ActualAmount <ActlAmt>	[0..1]	Amount		600
	MinimumAmount <MinAmt>	[0..1]	Amount		600
	MaximumAmount <MaxAmt>	[0..1]	Amount		600
	CommissionDetails <ComssnDtls>	[0..*]			601
	Amount <Amt>	[1..1]	Amount		601

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	MarkUpDetails <MrkUpDtls>	[0..*]			601
	Rate <Rate>	[1..1]	Rate		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	DeclarationDetails <DclrtDtls>	[0..*]	±		601
	Instalment <Instlmt>	[0..*]	±		602
	AggregationTransaction <AggtTx>	[0..1]	±		603
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		604
	SaleItem <Saleitm>	[0..*]	±		604
	DeliveryLocation <DlvryLctn>	[0..1]	Text		605
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		605
	AdditionalInformation <AddtlInf>	[0..*]			605
	Identification <Id>	[1..1]	Text		606
	Value <Val>	[0..1]	Binary		606
	ProtectedValue <PrctdVal>	[0..1]	±		606
	Type <Tp>	[0..1]	Text		606
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		606
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		607
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			607
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		609
	Conversion <Convs>	[0..1]			609
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		611
	TargetCurrency <TrgtCcy>	[1..1]			611
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	611
	NumericCode <NmrcCd>	[1..1]	Text		611
	Decimal <Dcml>	[1..1]	Quantity		611
	Name <Nm>	[0..1]	Text		611
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		612
	ExchangeRate <XchgRate>	[1..1]	Rate		612
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		612
	QuotationDate <QtnDt>	[0..1]	DateTime		612

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		612
	ValidUntil <VldUntil>	[0..1]	DateTime		612
	SourceCurrency <SrcCcy>	[1..1]			612
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	613
	NumericCode <NmrcCd>	[0..1]	Text		613
	Decimal <DcmI>	[0..1]	Quantity		613
	Name <Nm>	[0..1]	Text		613
	ApplicableBinRange <AplblBinRg>	[0..*]			613
	LowerBin <LwrBin>	[1..1]	Text		614
	HigherBin <HghrBin>	[1..1]	Text		614
	OriginalAmount <OrgnlAmt>	[0..1]			614
	ActualAmount <ActlAmt>	[0..1]	Amount		614
	MinimumAmount <MinAmt>	[0..1]	Amount		614
	MaximumAmount <MaxAmt>	[0..1]	Amount		614
	CommissionDetails <ComssnDtls>	[0..*]			615
	Amount <Amt>	[1..1]	Amount		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	MarkUpDetails <MrkUpDtls>	[0..*]			615
	Rate <Rate>	[1..1]	Rate		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	DeclarationDetails <DclrtDtls>	[0..*]	±		615
	SecurityTrailer <SctyTrlr>	[0..1]	±		616

19.3 Constraints

C1 ActiveCurrency

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

C2 Country

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

C3 ValidationByTable

Must be a valid terrestrial language.

C4 ValidationByTable

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

19.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

19.4.1 Header <Hdr>

Presence: [1..1]

Definition: Currency Conversion request message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		569
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		571
	ExchangeIdentification <XchgId>	[1..1]	Quantity		571
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		571
	CreationDateTime <CreDtTm>	[1..1]	DateTime		571
	InitiatingParty <InitgPty>	[1..1]	±		571
	RecipientParty <RcptPty>	[0..1]	±		572
	Traceability <Tracblt>	[0..*]	±		572

19.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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.

19.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1522

19.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

19.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

19.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

19.4.2 AcceptorCurrencyConversionAdvice <AccptrCcyConvsvAdv>

Presence: [1..1]

Definition: Information related to the outcome of the currency conversion.

AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv> contains the following
AcceptorCurrencyConversionAdvice7 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env>	[1..1]	±		577
	Transaction <Tx>	[1..1]			583
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		586
	TransactionIdentification <TxId>	[1..1]	±		586
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		586
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		586
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		586
	InterchangeData <IntrchnngData>	[0..1]	Text		586
	TransactionDetails <TxDtls>	[1..1]			587
	Currency <Ccy>	[0..1]	CodeSet	C1	589
	TotalAmount <TtlAmt>	[1..1]	Amount		590
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		590
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		590
	DetailedAmount <DtldAmt>	[0..1]	±		590
	RequestedAmount <ReqdAmt>	[0..1]	Amount		591
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		591
	InvoiceAmount <InvcAmt>	[0..1]	Amount		591
	ValidityDate <VldtyDt>	[0..1]	Date		591
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		591
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		592
	AccountType <AcctTp>	[0..1]	CodeSet		592
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			593
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		595
	Conversion <Convs>	[0..1]			595
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		597
	TargetCurrency <TrgtCcy>	[1..1]			597
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	597
	NumericCode <NmrcCd>	[1..1]	Text		597
	Decimal <Dcml>	[1..1]	Quantity		597
	Name <Nm>	[0..1]	Text		597

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		598
	ExchangeRate <XchgRate>	[1..1]	Rate		598
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		598
	QuotationDate <QtnDt>	[0..1]	DateTime		598
	ValidFrom <VldFr>	[0..1]	DateTime		598
	ValidUntil <VldUntil>	[0..1]	DateTime		598
	SourceCurrency <SrcCcy>	[1..1]			598
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	599
	NumericCode <NmrcCd>	[0..1]	Text		599
	Decimal <Dcml>	[0..1]	Quantity		599
	Name <Nm>	[0..1]	Text		599
	ApplicableBinRange <AplblBinRg>	[0..*]			599
	LowerBin <LwrBin>	[1..1]	Text		600
	HigherBin <HghrBin>	[1..1]	Text		600
	OriginalAmount <OrgnlAmt>	[0..1]			600
	ActualAmount <ActlAmt>	[0..1]	Amount		600
	MinimumAmount <MinAmt>	[0..1]	Amount		600
	MaximumAmount <MaxAmt>	[0..1]	Amount		600
	CommissionDetails <ComssnDtls>	[0..*]			601
	Amount <Amt>	[1..1]	Amount		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	MarkUpDetails <MrkUpDtls>	[0..*]			601
	Rate <Rate>	[1..1]	Rate		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	DeclarationDetails <Dclrtndtls>	[0..*]	±		601
	Instalment <Instlmt>	[0..*]	±		602
	AggregationTransaction <AggtnTx>	[0..1]	±		603
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		604
	SaleItem <Saleitm>	[0..*]	±		604
	DeliveryLocation <DlvryLctn>	[0..1]	Text		605
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		605

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			605
	Identification <Id>	[1..1]	Text		606
	Value <Val>	[0..1]	Binary		606
	ProtectedValue <PrctcdVal>	[0..1]	±		606
	Type <Tp>	[0..1]	Text		606
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		606
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		607
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			607
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		609
	Conversion <Convs>	[0..1]			609
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		611
	TargetCurrency <TrgtCcy>	[1..1]			611
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	611
	NumericCode <NmrcCd>	[1..1]	Text		611
	Decimal <Dcml>	[1..1]	Quantity		611
	Name <Nm>	[0..1]	Text		611
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		612
	ExchangeRate <XchgRate>	[1..1]	Rate		612
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		612
	QuotationDate <QtnDt>	[0..1]	DateTime		612
	ValidFrom <VldFr>	[0..1]	DateTime		612
	ValidUntil <VldUntil>	[0..1]	DateTime		612
	SourceCurrency <SrcCcy>	[1..1]			612
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	613
	NumericCode <NmrcCd>	[0..1]	Text		613
	Decimal <Dcml>	[0..1]	Quantity		613
	Name <Nm>	[0..1]	Text		613
	ApplicableBinRange <AplblBinRg>	[0..*]			613
	LowerBin <LwrBin>	[1..1]	Text		614
	HigherBin <HghrBin>	[1..1]	Text		614
	OriginalAmount <OrgnlAmt>	[0..1]			614

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		614
	MinimumAmount <MinAmt>	[0..1]	Amount		614
	MaximumAmount <MaxAmt>	[0..1]	Amount		614
	CommissionDetails <ComssnDtls>	[0..*]			615
	Amount <Amt>	[1..1]	Amount		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	MarkUpDetails <MrkUpDtls>	[0..*]			615
	Rate <Rate>	[1..1]	Rate		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	DeclarationDetails <DclrtnDtls>	[0..*]	±		615

19.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 **CardPaymentTransaction129** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		586
	TransactionIdentification <TxId>	[1..1]	±		586
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		586
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		586
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		586
	InterchangeData <IntrchgData>	[0..1]	Text		586
	TransactionDetails <TxDtIs>	[1..1]			587
	Currency <Ccy>	[0..1]	CodeSet	C1	589
	TotalAmount <TtlAmt>	[1..1]	Amount		590
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		590
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		590
	DetailedAmount <DtlAmt>	[0..1]	±		590
	RequestedAmount <ReqdAmt>	[0..1]	Amount		591
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		591
	InvoiceAmount <InvcAmt>	[0..1]	Amount		591
	ValidityDate <VldtyDt>	[0..1]	Date		591
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		591
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		592
	AccountType <AcctTp>	[0..1]	CodeSet		592
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			593
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		595
	Conversion <Convs>	[0..1]			595
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		597
	TargetCurrency <TrgtCcy>	[1..1]			597
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	597
	NumericCode <NmrcCd>	[1..1]	Text		597
	Decimal <Dcml>	[1..1]	Quantity		597
	Name <Nm>	[0..1]	Text		597
	ResultingAmount <RsItgAmt>	[0..1]	Amount		598
	ExchangeRate <XchgRate>	[1..1]	Rate		598
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		598

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		598
	ValidFrom <VldFr>	[0..1]	DateTime		598
	ValidUntil <VldUntil>	[0..1]	DateTime		598
	SourceCurrency <SrcCcy>	[1..1]			598
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	599
	NumericCode <NmrcCd>	[0..1]	Text		599
	Decimal <Dcml>	[0..1]	Quantity		599
	Name <Nm>	[0..1]	Text		599
	ApplicableBinRange <AplblBinRg>	[0..*]			599
	LowerBin <LwrBin>	[1..1]	Text		600
	HigherBin <HghrBin>	[1..1]	Text		600
	OriginalAmount <OrgnlAmt>	[0..1]			600
	ActualAmount <ActlAmt>	[0..1]	Amount		600
	MinimumAmount <MinAmt>	[0..1]	Amount		600
	MaximumAmount <MaxAmt>	[0..1]	Amount		600
	CommissionDetails <ComssnDtls>	[0..*]			601
	Amount <Amt>	[1..1]	Amount		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	MarkUpDetails <MrkUpDtls>	[0..*]			601
	Rate <Rate>	[1..1]	Rate		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	DeclarationDetails <Dclrtndtls>	[0..*]	±		601
	Instalment <Instlmt>	[0..*]	±		602
	AggregationTransaction <AggtnTx>	[0..1]	±		603
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		604
	SaleItem <Saleitm>	[0..*]	±		604
	DeliveryLocation <DlvryLctn>	[0..1]	Text		605
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		605
	AdditionalInformation <AddtlInf>	[0..*]			605
	Identification <Id>	[1..1]	Text		606
	Value <Val>	[0..1]	Binary		606

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		606
	Type <Tp>	[0..1]	Text		606
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		606
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		607

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

19.4.2.2.6 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

19.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	589
	TotalAmount <TtlAmt>	[1..1]	Amount		590
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		590
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		590
	DetailedAmount <DtldAmt>	[0..1]	±		590
	RequestedAmount <ReqdAmt>	[0..1]	Amount		591
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		591
	InvoiceAmount <InvcAmt>	[0..1]	Amount		591
	ValidityDate <VldtyDt>	[0..1]	Date		591
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		591
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		592
	AccountType <AcctTp>	[0..1]	CodeSet		592
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			593
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		595
	Conversion <Convs>	[0..1]			595
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		597
	TargetCurrency <TrgtCcy>	[1..1]			597
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	597
	NumericCode <NmrcCd>	[1..1]	Text		597
	Decimal <Dcml>	[1..1]	Quantity		597
	Name <Nm>	[0..1]	Text		597
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		598
	ExchangeRate <XchgRate>	[1..1]	Rate		598
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		598
	QuotationDate <QtnDt>	[0..1]	DateTime		598
	ValidFrom <VldFr>	[0..1]	DateTime		598
	ValidUntil <VldUntil>	[0..1]	DateTime		598
	SourceCurrency <SrcCcy>	[1..1]			598
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	599
	NumericCode <NmrcCd>	[0..1]	Text		599
	Decimal <Dcml>	[0..1]	Quantity		599

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		599
	ApplicableBinRange <AplblBinRg>	[0..*]			599
	LowerBin <LwrBin>	[1..1]	Text		600
	HigherBin <HghrBin>	[1..1]	Text		600
	OriginalAmount <OrgnlAmt>	[0..1]			600
	ActualAmount <ActlAmt>	[0..1]	Amount		600
	MinimumAmount <MinAmt>	[0..1]	Amount		600
	MaximumAmount <MaxAmt>	[0..1]	Amount		600
	CommissionDetails <ComssnDtls>	[0..*]			601
	Amount <Amt>	[1..1]	Amount		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	MarkUpDetails <MrkUpDtls>	[0..*]			601
	Rate <Rate>	[1..1]	Rate		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	DeclarationDetails <DclrtDtls>	[0..*]	±		601
	Instalment <Instlmt>	[0..*]	±		602
	AggregationTransaction <AggtTx>	[0..1]	±		603
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		604
	SaleItem <SaleItm>	[0..*]	±		604
	DeliveryLocation <DlvryLctn>	[0..1]	Text		605
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		605
	AdditionalInformation <AddtlInf>	[0..*]			605
	Identification <Id>	[1..1]	Text		606
	Value <Val>	[0..1]	Binary		606
	ProtectedValue <PrctdVal>	[0..1]	±		606
	Type <Tp>	[0..1]	Text		606
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		606

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 1461

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 1457

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 1457

19.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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

19.4.2.2.7.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

19.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

19.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

19.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

19.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

19.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

19.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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.

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 **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		595
	Conversion <Convs>	[0..1]			595
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		597
	TargetCurrency <TrgtCcy>	[1..1]			597
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	597
	NumericCode <NmrcCd>	[1..1]	Text		597
	Decimal <Dcml>	[1..1]	Quantity		597
	Name <Nm>	[0..1]	Text		597
	ResultingAmount <RsltgAmt>	[0..1]	Amount		598
	ExchangeRate <XchgRate>	[1..1]	Rate		598
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		598
	QuotationDate <QtnDt>	[0..1]	DateTime		598
	ValidFrom <VldFr>	[0..1]	DateTime		598
	ValidUntil <VldUntil>	[0..1]	DateTime		598
	SourceCurrency <SrcCcy>	[1..1]			598
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	599
	NumericCode <NmrcCd>	[0..1]	Text		599
	Decimal <Dcml>	[0..1]	Quantity		599
	Name <Nm>	[0..1]	Text		599
	ApplicableBinRange <AplblBinRg>	[0..*]			599
	LowerBin <LwrBin>	[1..1]	Text		600
	HigherBin <HghrBin>	[1..1]	Text		600
	OriginalAmount <OrgnlAmt>	[0..1]			600
	ActualAmount <ActlAmt>	[0..1]	Amount		600
	MinimumAmount <MinAmt>	[0..1]	Amount		600
	MaximumAmount <MaxAmt>	[0..1]	Amount		600
	CommissionDetails <ComssnDtls>	[0..*]			601
	Amount <Amt>	[1..1]	Amount		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	MarkUpDetails <MrkUpDtls>	[0..*]			601

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	DeclarationDetails <DclrtnDtls>	[0..*]	±		601

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 1516):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		597
	TargetCurrency <TrgtCcy>	[1..1]			597
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	597
	NumericCode <NmrcCd>	[1..1]	Text		597
	Decimal <Dcml>	[1..1]	Quantity		597
	Name <Nm>	[0..1]	Text		597
	ResultingAmount <RsltAmt>	[0..1]	Amount		598
	ExchangeRate <XchgRate>	[1..1]	Rate		598
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		598
	QuotationDate <QtnDt>	[0..1]	DateTime		598
	ValidFrom <VldFr>	[0..1]	DateTime		598
	ValidUntil <VldUntil>	[0..1]	DateTime		598
	SourceCurrency <SrcCcy>	[1..1]			598
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	599
	NumericCode <NmrcCd>	[0..1]	Text		599
	Decimal <Dcml>	[0..1]	Quantity		599
	Name <Nm>	[0..1]	Text		599
	ApplicableBinRange <AplblBinRg>	[0..*]			599
	LowerBin <LwrBin>	[1..1]	Text		600
	HigherBin <HghrBin>	[1..1]	Text		600
	OriginalAmount <OrgnlAmt>	[0..1]			600
	ActualAmount <ActlAmt>	[0..1]	Amount		600
	MinimumAmount <MinAmt>	[0..1]	Amount		600
	MaximumAmount <MaxAmt>	[0..1]	Amount		600
	CommissionDetails <ComssnDtls>	[0..*]			601
	Amount <Amt>	[1..1]	Amount		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	MarkUpDetails <MrkUpDtls>	[0..*]			601
	Rate <Rate>	[1..1]	Rate		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601
	DeclarationDetails <DclrtDtls>	[0..*]	±		601

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 1520

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	597
	NumericCode <NmrcCd>	[1..1]	Text		597
	Decimal <Dcml>	[1..1]	Quantity		597
	Name <Nm>	[0..1]	Text		597

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 1461

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 1517

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 1516

19.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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 1457

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 1517

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 1517

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 1514

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 1514

19.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	599
	NumericCode <NmrcCd>	[0..1]	Text		599
	Decimal <Dcml>	[0..1]	Quantity		599
	Name <Nm>	[0..1]	Text		599

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 1461

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 1517

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 1516

19.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		600
	HigherBin <HghrBin>	[1..1]	Text		600

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 1519

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 1519

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		600
	MinimumAmount <MinAmt>	[0..1]	Amount		600
	MaximumAmount <MaxAmt>	[0..1]	Amount		600

19.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601

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 1457

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 1520

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		601
	AdditionalInformation <AddtlInf>	[0..1]	Text		601

19.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

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 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

19.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

19.4.2.2.7.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

19.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

19.4.2.2.7.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

19.4.2.2.7.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

19.4.2.2.7.19 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 1516

19.4.2.2.7.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		606
	Value <Val>	[0..1]	Binary		606
	ProtectedValue <PrctcdVal>	[0..1]	±		606
	Type <Tp>	[0..1]	Text		606

19.4.2.2.7.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

19.4.2.2.7.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

19.4.2.2.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

19.4.2.2.7.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

19.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

19.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1522

19.4.2.3 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder and its result.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		609
	Conversion <Convs>	[0..1]			609
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		611
	TargetCurrency <TrgtCcy>	[1..1]			611
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	611
	NumericCode <NmrcCd>	[1..1]	Text		611
	Decimal <Dcml>	[1..1]	Quantity		611
	Name <Nm>	[0..1]	Text		611
	ResultingAmount <RsltgAmt>	[0..1]	Amount		612
	ExchangeRate <XchgRate>	[1..1]	Rate		612
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		612
	QuotationDate <QtnDt>	[0..1]	DateTime		612
	ValidFrom <VldFr>	[0..1]	DateTime		612
	ValidUntil <VldUntil>	[0..1]	DateTime		612
	SourceCurrency <SrcCcy>	[1..1]			612
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	613
	NumericCode <NmrcCd>	[0..1]	Text		613
	Decimal <Dcml>	[0..1]	Quantity		613
	Name <Nm>	[0..1]	Text		613
	ApplicableBinRange <AplblBinRg>	[0..*]			613
	LowerBin <LwrBin>	[1..1]	Text		614
	HigherBin <HghrBin>	[1..1]	Text		614
	OriginalAmount <OrgnlAmt>	[0..1]			614
	ActualAmount <ActlAmt>	[0..1]	Amount		614
	MinimumAmount <MinAmt>	[0..1]	Amount		614
	MaximumAmount <MaxAmt>	[0..1]	Amount		614
	CommissionDetails <ComssnDtls>	[0..*]			615
	Amount <Amt>	[1..1]	Amount		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	MarkUpDetails <MrkUpDtls>	[0..*]			615

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	DeclarationDetails <DclrtnDtls>	[0..*]	±		615

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 1516):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		611
	TargetCurrency <TrgtCcy>	[1..1]			611
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	611
	NumericCode <NmrcCd>	[1..1]	Text		611
	Decimal <Dcml>	[1..1]	Quantity		611
	Name <Nm>	[0..1]	Text		611
	ResultingAmount <RsltAmt>	[0..1]	Amount		612
	ExchangeRate <XchgRate>	[1..1]	Rate		612
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		612
	QuotationDate <QtnDt>	[0..1]	DateTime		612
	ValidFrom <VldFr>	[0..1]	DateTime		612
	ValidUntil <VldUntil>	[0..1]	DateTime		612
	SourceCurrency <SrcCcy>	[1..1]			612
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	613
	NumericCode <NmrcCd>	[0..1]	Text		613
	Decimal <Dcml>	[0..1]	Quantity		613
	Name <Nm>	[0..1]	Text		613
	ApplicableBinRange <AplblBinRg>	[0..*]			613
	LowerBin <LwrBin>	[1..1]	Text		614
	HigherBin <HghrBin>	[1..1]	Text		614
	OriginalAmount <OrgnlAmt>	[0..1]			614
	ActualAmount <ActlAmt>	[0..1]	Amount		614
	MinimumAmount <MinAmt>	[0..1]	Amount		614
	MaximumAmount <MaxAmt>	[0..1]	Amount		614
	CommissionDetails <ComssnDtls>	[0..*]			615
	Amount <Amt>	[1..1]	Amount		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	MarkUpDetails <MrkUpDtls>	[0..*]			615
	Rate <Rate>	[1..1]	Rate		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615
	DeclarationDetails <DclrtDtls>	[0..*]	±		615

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 1520

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	611
	NumericCode <NmrcCd>	[1..1]	Text		611
	Decimal <Dcml>	[1..1]	Quantity		611
	Name <Nm>	[0..1]	Text		611

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 1461

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 1517

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 1516

19.4.2.3.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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 1457

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 1517

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 1517

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 1514

19.4.2.3.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

19.4.2.3.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	613
	NumericCode <NmrcCd>	[0..1]	Text		613
	Decimal <Dcml>	[0..1]	Quantity		613
	Name <Nm>	[0..1]	Text		613

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 1461

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 1517

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 1516

19.4.2.3.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		614
	HigherBin <HghrBin>	[1..1]	Text		614

19.4.2.3.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

19.4.2.3.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

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		614
	MinimumAmount <MinAmt>	[0..1]	Amount		614
	MaximumAmount <MaxAmt>	[0..1]	Amount		614

19.4.2.3.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615

19.4.2.3.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

19.4.2.3.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

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		615
	AdditionalInformation <AddtlInf>	[0..1]	Text		615

19.4.2.3.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

19.4.2.3.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

19.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

20 caaa.019.001.06

AcceptorCurrencyConversionAdviceResponseV06

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 AcceptorCurrencyConversionAdviceResponseV06 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Cancellation advice response message management information.
- B. CurrencyConversionAdviceResponse
 - Information related to the currency conversion advice response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

20.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsAdvRspn>	[1..1]			
	Header <Hdr>	[1..1]			619
	MessageFunction <MsgFctn>	[1..1]	CodeSet		619
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		621
	ExchangeIdentification <XchgId>	[1..1]	Quantity		621
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		621
	CreationDateTime <CreDtTm>	[1..1]	DateTime		621
	InitiatingParty <InitgPty>	[1..1]	±		621
	RecipientParty <RcptPty>	[0..1]	±		622
	Traceability <Tracblt>	[0..*]	±		622
	CurrencyConversionAdviceResponse <CcyConvsAdvRspn>	[1..1]			623
	Environment <Envt>	[1..1]	±		623
	Transaction <Tx>	[1..1]			629
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		629
	TransactionIdentification <TxId>	[1..1]	±		629
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		630
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		630
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		630
	Response <Rspn>	[1..1]	CodeSet		630
	TMSTrigger <TMSTrggr>	[0..1]			630
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		631
	TMSIdentification <TMSId>	[0..1]	Text		631
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		631
	SecurityTrailer <SctyTrlr>	[0..1]	±		631

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		619
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		621
	ExchangeIdentification <XchgId>	[1..1]	Quantity		621
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		621
	CreationDateTime <CreDtTm>	[1..1]	DateTime		621
	InitiatingParty <InitgPty>	[1..1]	±		621
	RecipientParty <RcptPty>	[0..1]	±		622
	Traceability <Tracblt>	[0..*]	±		622

20.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

20.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

20.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

20.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

20.4.2 CurrencyConversionAdviceResponse <CcyConvsAdvcRspn>

Presence: [1..1]

Definition: Information related to the currency conversion advice response.

CurrencyConversionAdviceResponse <CcyConvsAdvcRspn> contains the following
AcceptorCancellationAdviceResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		623
	Transaction <Tx>	[1..1]			629
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		629
	TransactionIdentification <TxId>	[1..1]	±		629
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		630
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		630
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		630
	Response <Rspn>	[1..1]	CodeSet		630
	TMSTrigger <TMSTrggr>	[0..1]			630
	TMSContactLevel <TMSCtctLv>	[1..1]	CodeSet		631
	TMSIdentification <TMSId>	[0..1]	Text		631
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		631

20.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		629
	TransactionIdentification <TxId>	[1..1]	±		629
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		630
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		630
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		630
	Response <Rspn>	[1..1]	CodeSet		630

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

20.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: ["Response9Code"](#) on page 1503

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).

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		631
	TMSIdentification <TMSId>	[0..1]	Text		631
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		631

20.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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 1520

20.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODatetime" on page 1514

20.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType36" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

21 caaa.020.001.04 TransactionAdviceV04

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 TransactionAdviceV04 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]			638
	MessageFunction <MsgFctn>	[1..1]	CodeSet		639
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		640
	ExchangeIdentification <XchgId>	[1..1]	Quantity		641
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		641
	CreationDateTime <CreDtTm>	[1..1]	DateTime		641
	InitiatingParty <InitgPty>	[1..1]	±		641
	RecipientParty <RcptPty>	[0..1]	±		641
	Traceability <Tracblt>	[0..*]	±		642
	TransactionAdvice <TxAdv>	[1..1]			642
	Environment <Envt>	[1..1]	±		647
	Context <Cntxt>	[0..1]	±		653
	Transaction <Tx>	[1..1]			656
	TransactionCapture <TxCaptr>	[0..1]	Indicator		661
	TransactionType <TxTp>	[0..1]	CodeSet		661
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		662
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		663
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		663
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		663
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		663
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		663
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		664
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		664
	TransactionIdentification <TxId>	[1..1]	±		664
	OriginalTransaction <OrgnlTx>	[0..1]	±		664
	TransactionSuccess <TxSucss>	[1..1]	Indicator		665
	Reversal <Rvsl>	[0..1]	Indicator		665
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		666
	FailureReason <FailrRsn>	[0..*]	CodeSet		666

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InitiatorTransactionIdentification <IntrTxId>	[0..1]	Text		666
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		667
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		667
	InterchangeData <IntrchgData>	[0..1]	Text		667
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		667
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		667
	TransactionDetails <TxDtls>	[1..1]			667
	Currency <Ccy>	[0..1]	CodeSet	C1	669
	TotalAmount <TtlAmt>	[1..1]	Amount		670
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		670
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		670
	DetailedAmount <DtlAmt>	[0..1]	±		670
	RequestedAmount <ReqdAmt>	[0..1]	Amount		671
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		671
	InvoiceAmount <InvcAmt>	[0..1]	Amount		671
	ValidityDate <VldtyDt>	[0..1]	Date		671
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		671
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		672
	AccountType <AcctTp>	[0..1]	CodeSet		672
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			673
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		675
	Conversion <Convs>	[0..1]			675
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		677
	TargetCurrency <TrgtCcy>	[1..1]			677
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	677
	NumericCode <NmrcCd>	[1..1]	Text		677
	Decimal <Dcml>	[1..1]	Quantity		677
	Name <Nm>	[0..1]	Text		677
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		678
	ExchangeRate <XchgRate>	[1..1]	Rate		678
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		678

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		678
	ValidFrom <VldFr>	[0..1]	DateTime		678
	ValidUntil <VldUntil>	[0..1]	DateTime		678
	SourceCurrency <SrcCcy>	[1..1]			678
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	679
	NumericCode <NmrcCd>	[0..1]	Text		679
	Decimal <Dcml>	[0..1]	Quantity		679
	Name <Nm>	[0..1]	Text		679
	ApplicableBinRange <ApplBinRg>	[0..*]			679
	LowerBin <LwrBin>	[1..1]	Text		680
	HigherBin <HghrBin>	[1..1]	Text		680
	OriginalAmount <OrgnlAmt>	[0..1]			680
	ActualAmount <ActlAmt>	[0..1]	Amount		680
	MinimumAmount <MinAmt>	[0..1]	Amount		680
	MaximumAmount <MaxAmt>	[0..1]	Amount		680
	CommissionDetails <ComssnDtls>	[0..*]			681
	Amount <Amt>	[1..1]	Amount		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	MarkUpDetails <MrkUpDtls>	[0..*]			681
	Rate <Rate>	[1..1]	Rate		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	DeclarationDetails <DclrtDtls>	[0..*]	±		681
	Instalment <Instlmt>	[0..*]	±		682
	AggregationTransaction <AggtnTx>	[0..1]	±		683
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		684
	SaleItem <Saleitm>	[0..*]	±		684
	DeliveryLocation <DlvryLctn>	[0..1]	Text		685
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		685
	AdditionalInformation <AddtlInf>	[0..*]			685
	Identification <Id>	[1..1]	Text		686
	Value <Val>	[0..1]	Binary		686

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		686
	Type <Tp>	[0..1]	Text		686
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		686
	AuthorisationResult <AuthstnRslt>	[0..1]			687
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		687
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			687
	Response <Rspn>	[1..1]	CodeSet		688
	ResponseReason <RspnRsn>	[0..1]	Text		688
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		688
	AuthorisationCode <AuthstnCd>	[0..1]	Text		688
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			688
	Method <Mtd>	[1..1]	CodeSet		689
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		689
	Result <Rslt>	[0..1]	CodeSet		690
	AdditionalResult <AddtlRslt>	[0..1]	Text		690
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		690
	AccountFrom <AcctFr>	[0..1]			690
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		691
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		692
	AccountName <AcctNm>	[0..1]	Text		692
	AccountOwner <AcctOwnr>	[0..1]			693
	Name <Nm>	[1..1]	Text		693
	Address <Adr>	[1..1]	±		693
	Currency <Ccy>	[0..1]	CodeSet	C1	693
	AccountIdentifier <Acctldr>	[0..1]			694
{Or	Card <Card>	[1..1]	Text		694
Or	MSISDN <MSISDN>	[1..1]	Text		694
Or	EMail <EMail>	[1..1]	Text		694
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	694
Or	BBAN <BBAN>	[1..1]	IdentifierSet		695
Or	UPIC <UPIC>	[1..1]	IdentifierSet		695

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	Domestic <Dmst>	[1..1]	Text		695
Or}	Other <Othr>	[1..1]	Text		695
	Servicer <Svcr>	[0..1]			695
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	696
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		696
	AccountTo <AcctTo>	[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	C4	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
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		702
	SupplementaryData <SplmtryData>	[0..*]	±	C5	702
	SecurityTrailer <SctyTrlr>	[0..1]	±		703

21.3 Constraints

C1 **ActiveCurrency**

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

C2 **AnyBIC**

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

C3 **Country**

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

C4 **IBAN**

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

C5 **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.

C7 **ValidationByTable**

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

21.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

21.4.1 **Header <Hdr>**

Presence: [1..1]

Definition: Completion advice message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		639
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		640
	ExchangeIdentification <XchgId>	[1..1]	Quantity		641
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		641
	CreationDateTime <CreDtTm>	[1..1]	DateTime		641
	InitiatingParty <InitgPty>	[1..1]	±		641
	RecipientParty <RcptPty>	[0..1]	±		641
	Traceability <Tracblt>	[0..*]	±		642

21.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

21.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

21.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

21.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

21.4.2 TransactionAdvice <TxAdv>

Presence: [1..1]

Definition: Information related to the outcome of the transaction.

TransactionAdvice <TxAdv> contains the following **AcceptorCompletionAdvice12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		647
	Context <Cntxt>	[0..1]	±		653
	Transaction <Tx>	[1..1]			656
	TransactionCapture <TxCaptr>	[0..1]	Indicator		661
	TransactionType <TxTp>	[0..1]	CodeSet		661
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		662
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		663
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		663
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		663
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		663
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		663
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		664
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		664
	TransactionIdentification <TxId>	[1..1]	±		664
	OriginalTransaction <OrgnlTx>	[0..1]	±		664
	TransactionSuccess <TxSucss>	[1..1]	Indicator		665
	Reversal <Rvsl>	[0..1]	Indicator		665
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		666
	FailureReason <FailrRsn>	[0..*]	CodeSet		666
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		666
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		667
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		667
	InterchangeData <IntrchnngData>	[0..1]	Text		667
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		667
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		667
	TransactionDetails <TxDtls>	[1..1]			667
	Currency <Ccy>	[0..1]	CodeSet	C1	669
	TotalAmount <TtlAmt>	[1..1]	Amount		670
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		670
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		670
	DetailedAmount <DtldAmt>	[0..1]	±		670

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		671
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		671
	InvoiceAmount <InvcAmt>	[0..1]	Amount		671
	ValidityDate <VldtyDt>	[0..1]	Date		671
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		671
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		672
	AccountType <AcctTp>	[0..1]	CodeSet		672
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			673
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		675
	Conversion <Convs>	[0..1]			675
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		677
	TargetCurrency <TrgtCcy>	[1..1]			677
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	677
	NumericCode <NmrcCd>	[1..1]	Text		677
	Decimal <Dcml>	[1..1]	Quantity		677
	Name <Nm>	[0..1]	Text		677
	ResultingAmount <RsltgAmt>	[0..1]	Amount		678
	ExchangeRate <XchgRate>	[1..1]	Rate		678
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		678
	QuotationDate <QtnDt>	[0..1]	DateTime		678
	ValidFrom <VldFr>	[0..1]	DateTime		678
	ValidUntil <VldUntil>	[0..1]	DateTime		678
	SourceCurrency <SrcCcy>	[1..1]			678
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	679
	NumericCode <NmrcCd>	[0..1]	Text		679
	Decimal <Dcml>	[0..1]	Quantity		679
	Name <Nm>	[0..1]	Text		679
	ApplicableBinRange <AplblBinRg>	[0..*]			679
	LowerBin <LwrBin>	[1..1]	Text		680
	HigherBin <HghrBin>	[1..1]	Text		680
	OriginalAmount <OrgnlAmt>	[0..1]			680

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		680
	MinimumAmount <MinAmt>	[0..1]	Amount		680
	MaximumAmount <MaxAmt>	[0..1]	Amount		680
	CommissionDetails <ComssnDtls>	[0..*]			681
	Amount <Amt>	[1..1]	Amount		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	MarkUpDetails <MrkUpDtls>	[0..*]			681
	Rate <Rate>	[1..1]	Rate		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	DeclarationDetails <DclrtDtls>	[0..*]	±		681
	Instalment <Instlmt>	[0..*]	±		682
	AggregationTransaction <AggtnTx>	[0..1]	±		683
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		684
	SaleItem <Saleitm>	[0..*]	±		684
	DeliveryLocation <DlvryLctn>	[0..1]	Text		685
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		685
	AdditionalInformation <AddtlInf>	[0..*]			685
	Identification <Id>	[1..1]	Text		686
	Value <Val>	[0..1]	Binary		686
	ProtectedValue <PrtctdVal>	[0..1]	±		686
	Type <Tp>	[0..1]	Text		686
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		686
	AuthorisationResult <AuthstnRslt>	[0..1]			687
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		687
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			687
	Response <Rspn>	[1..1]	CodeSet		688
	ResponseReason <RspnRsn>	[0..1]	Text		688
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		688
	AuthorisationCode <AuthstnCd>	[0..1]	Text		688
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			688
	Method <Mtd>	[1..1]	CodeSet		689

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		689
	Result <RsIt>	[0..1]	CodeSet		690
	AdditionalResult <AddtlRsIt>	[0..1]	Text		690
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		690
	AccountFrom <AcctFr>	[0..1]			690
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		691
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		692
	AccountName <AcctNm>	[0..1]	Text		692
	AccountOwner <AcctOwnr>	[0..1]			693
	Name <Nm>	[1..1]	Text		693
	Address <Adr>	[1..1]	±		693
	Currency <Ccy>	[0..1]	CodeSet	C1	693
	AccountIdentifier <AcctIdr>	[0..1]			694
{Or	Card <Card>	[1..1]	Text		694
Or	MSISDN <MSISDN>	[1..1]	Text		694
Or	EMail <EMail>	[1..1]	Text		694
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	694
Or	BBAN <BBAN>	[1..1]	IdentifierSet		695
Or	UPIC <UPIC>	[1..1]	IdentifierSet		695
Or	Domestic <Dmst>	[1..1]	Text		695
Or}	Other <Othr>	[1..1]	Text		695
	Servicer <Svcr>	[0..1]			695
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	696
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		696
	AccountTo <AcctTo>	[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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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	C4	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
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		702
	SupplementaryData <SplmtryData>	[0..*]	±	C5	702

21.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscItyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

21.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction125** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		661
	TransactionType <TxTp>	[0..1]	CodeSet		661
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		662
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		663
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		663
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		663
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		663
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		663
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		664
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		664
	TransactionIdentification <TxId>	[1..1]	±		664
	OriginalTransaction <OrgnlTx>	[0..1]	±		664
	TransactionSuccess <TxSucss>	[1..1]	Indicator		665
	Reversal <Rvs/ >	[0..1]	Indicator		665
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		666
	FailureReason <FailrRsn>	[0..*]	CodeSet		666
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		666
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		667
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		667
	InterchangeData <IntrchnngData>	[0..1]	Text		667
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		667
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		667
	TransactionDetails <TxDtls>	[1..1]			667
	Currency <Ccy>	[0..1]	CodeSet	C1	669
	TotalAmount <TtlAmt>	[1..1]	Amount		670
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		670
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		670
	DetailedAmount <DtlAmt>	[0..1]	±		670
	RequestedAmount <ReqdAmt>	[0..1]	Amount		671
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		671
	InvoiceAmount <InvAmt>	[0..1]	Amount		671

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		671
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		671
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		672
	AccountType <AcctTp>	[0..1]	CodeSet		672
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			673
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		675
	Conversion <Convs>	[0..1]			675
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		677
	TargetCurrency <TrgtCcy>	[1..1]			677
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	677
	NumericCode <NmrcCd>	[1..1]	Text		677
	Decimal <Dcml>	[1..1]	Quantity		677
	Name <Nm>	[0..1]	Text		677
	ResultingAmount <RsltAmt>	[0..1]	Amount		678
	ExchangeRate <XchgRate>	[1..1]	Rate		678
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		678
	QuotationDate <QtnDt>	[0..1]	DateTime		678
	ValidFrom <VldFr>	[0..1]	DateTime		678
	ValidUntil <VldUntil>	[0..1]	DateTime		678
	SourceCurrency <SrcCcy>	[1..1]			678
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	679
	NumericCode <NmrcCd>	[0..1]	Text		679
	Decimal <Dcml>	[0..1]	Quantity		679
	Name <Nm>	[0..1]	Text		679
	ApplicableBinRange <AplblBinRg>	[0..*]			679
	LowerBin <LwrBin>	[1..1]	Text		680
	HigherBin <HghrBin>	[1..1]	Text		680
	OriginalAmount <OrgnlAmt>	[0..1]			680
	ActualAmount <ActlAmt>	[0..1]	Amount		680
	MinimumAmount <MinAmt>	[0..1]	Amount		680
	MaximumAmount <MaxAmt>	[0..1]	Amount		680

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			681
	Amount <Amt>	[1..1]	Amount		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	MarkUpDetails <MrkUpDtls>	[0..*]			681
	Rate <Rate>	[1..1]	Rate		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	DeclarationDetails <DclrtDtls>	[0..*]	±		681
	Instalment <Instlmt>	[0..*]	±		682
	AggregationTransaction <AggtTx>	[0..1]	±		683
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		684
	SaleItem <Saleitm>	[0..*]	±		684
	DeliveryLocation <DlvryLctn>	[0..1]	Text		685
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		685
	AdditionalInformation <AddtlInf>	[0..*]			685
	Identification <Id>	[1..1]	Text		686
	Value <Val>	[0..1]	Binary		686
	ProtectedValue <PrctdVal>	[0..1]	±		686
	Type <Tp>	[0..1]	Text		686
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		686
	AuthorisationResult <AuthstnRslt>	[0..1]			687
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		687
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			687
	Response <Rspn>	[1..1]	CodeSet		688
	ResponseReason <RspnRsn>	[0..1]	Text		688
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		688
	AuthorisationCode <AuthstnCd>	[0..1]	Text		688
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			688
	Method <Mtd>	[1..1]	CodeSet		689
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		689
	Result <Rslt>	[0..1]	CodeSet		690
	AdditionalResult <AddtlRslt>	[0..1]	Text		690

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		690
	AccountFrom <AcctFr>	[0..1]			690
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		691
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		692
	AccountName <AcctNm>	[0..1]	Text		692
	AccountOwner <AcctOwnr>	[0..1]			693
	Name <Nm>	[1..1]	Text		693
	Address <Adr>	[1..1]	±		693
	Currency <Ccy>	[0..1]	CodeSet	C1	693
	AccountIdentifier <AcctIdr>	[0..1]			694
{Or	Card <Card>	[1..1]	Text		694
Or	MSISDN <MSISDN>	[1..1]	Text		694
Or	EMail <EMail>	[1..1]	Text		694
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	694
Or	BBAN <BBAN>	[1..1]	IdentifierSet		695
Or	UPIC <UPIC>	[1..1]	IdentifierSet		695
Or	Domestic <Dmst>	[1..1]	Text		695
Or}	Other <Othr>	[1..1]	Text		695
	Servicer <Svcr>	[0..1]			695
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	696
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		696
	AccountTo <AcctTo>	[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	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		700
Or	EEmail <EEmail>	[1..1]	Text		700
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	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
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		702

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 1516):

- *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 1477

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.

21.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1479

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 1478

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 1516):

- *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 1523

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 1516):

- *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 1520

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 1520

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

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 1516):

- *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 1516):

- *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 1516):

- *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 1485

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 1520

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 1519

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 1520

21.4.2.3.20 InterchangeData <IntrchgngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

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 1519

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 1519

21.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	669
	TotalAmount <TtlAmt>	[1..1]	Amount		670
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		670
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		670
	DetailedAmount <DtldAmt>	[0..1]	±		670
	RequestedAmount <ReqdAmt>	[0..1]	Amount		671
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		671
	InvoiceAmount <InvcAmt>	[0..1]	Amount		671
	ValidityDate <VldtyDt>	[0..1]	Date		671
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		671
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		672
	AccountType <AcctTp>	[0..1]	CodeSet		672
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			673
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		675
	Conversion <Convs>	[0..1]			675
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		677
	TargetCurrency <TrgtCcy>	[1..1]			677
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	677
	NumericCode <NmrcCd>	[1..1]	Text		677
	Decimal <Dcml>	[1..1]	Quantity		677
	Name <Nm>	[0..1]	Text		677
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		678
	ExchangeRate <XchgRate>	[1..1]	Rate		678
	InvertedExchangeRate <NvrtXdXchgRate>	[0..1]	Rate		678
	QuotationDate <QtnDt>	[0..1]	DateTime		678
	ValidFrom <VldFr>	[0..1]	DateTime		678
	ValidUntil <VldUntil>	[0..1]	DateTime		678
	SourceCurrency <SrcCcy>	[1..1]			678
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	679
	NumericCode <NmrcCd>	[0..1]	Text		679
	Decimal <Dcml>	[0..1]	Quantity		679

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		679
	ApplicableBinRange <AplblBinRg>	[0..*]			679
	LowerBin <LwrBin>	[1..1]	Text		680
	HigherBin <HghrBin>	[1..1]	Text		680
	OriginalAmount <OrgnlAmt>	[0..1]			680
	ActualAmount <ActlAmt>	[0..1]	Amount		680
	MinimumAmount <MinAmt>	[0..1]	Amount		680
	MaximumAmount <MaxAmt>	[0..1]	Amount		680
	CommissionDetails <ComssnDtls>	[0..*]			681
	Amount <Amt>	[1..1]	Amount		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	MarkUpDetails <MrkUpDtls>	[0..*]			681
	Rate <Rate>	[1..1]	Rate		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	DeclarationDetails <DclrtDtls>	[0..*]	±		681
	Instalment <Instlmt>	[0..*]	±		682
	AggregationTransaction <AggtnTx>	[0..1]	±		683
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		684
	SaleItem <SaleItm>	[0..*]	±		684
	DeliveryLocation <DlvryLctn>	[0..1]	Text		685
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		685
	AdditionalInformation <AddtlInf>	[0..*]			685
	Identification <Id>	[1..1]	Text		686
	Value <Val>	[0..1]	Binary		686
	ProtectedValue <PrctdVal>	[0..1]	±		686
	Type <Tp>	[0..1]	Text		686
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		686

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 1461

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 1457

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 1457

21.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

21.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

21.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

21.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

21.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

21.4.2.3.23.11 UnattendedLevelCategory <UattnddLvIctgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

21.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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 **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		675
	Conversion <Convs>	[0..1]			675
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		677
	TargetCurrency <TrgtCcy>	[1..1]			677
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	677
	NumericCode <NmrcCd>	[1..1]	Text		677
	Decimal <Dcml>	[1..1]	Quantity		677
	Name <Nm>	[0..1]	Text		677
	ResultingAmount <RsltgAmt>	[0..1]	Amount		678
	ExchangeRate <XchgRate>	[1..1]	Rate		678
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		678
	QuotationDate <QtnDt>	[0..1]	DateTime		678
	ValidFrom <VldFr>	[0..1]	DateTime		678
	ValidUntil <VldUntil>	[0..1]	DateTime		678
	SourceCurrency <SrcCcy>	[1..1]			678
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	679
	NumericCode <NmrcCd>	[0..1]	Text		679
	Decimal <Dcml>	[0..1]	Quantity		679
	Name <Nm>	[0..1]	Text		679
	ApplicableBinRange <AplblBinRg>	[0..*]			679
	LowerBin <LwrBin>	[1..1]	Text		680
	HigherBin <HghrBin>	[1..1]	Text		680
	OriginalAmount <OrgnlAmt>	[0..1]			680
	ActualAmount <ActlAmt>	[0..1]	Amount		680
	MinimumAmount <MinAmt>	[0..1]	Amount		680
	MaximumAmount <MaxAmt>	[0..1]	Amount		680
	CommissionDetails <ComssnDtls>	[0..*]			681
	Amount <Amt>	[1..1]	Amount		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	MarkUpDetails <MrkUpDtls>	[0..*]			681

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	DeclarationDetails <DclrtnDtls>	[0..*]	±		681

21.4.2.3.23.13.1 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 1516](#)):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		677
	TargetCurrency <TrgtCcy>	[1..1]			677
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	677
	NumericCode <NmrcCd>	[1..1]	Text		677
	Decimal <Dcml>	[1..1]	Quantity		677
	Name <Nm>	[0..1]	Text		677
	ResultingAmount <RsltAmt>	[0..1]	Amount		678
	ExchangeRate <XchgRate>	[1..1]	Rate		678
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		678
	QuotationDate <QtnDt>	[0..1]	DateTime		678
	ValidFrom <VldFr>	[0..1]	DateTime		678
	ValidUntil <VldUntil>	[0..1]	DateTime		678
	SourceCurrency <SrcCcy>	[1..1]			678
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	679
	NumericCode <NmrcCd>	[0..1]	Text		679
	Decimal <Dcml>	[0..1]	Quantity		679
	Name <Nm>	[0..1]	Text		679
	ApplicableBinRange <AplblBinRg>	[0..*]			679
	LowerBin <LwrBin>	[1..1]	Text		680
	HigherBin <HghrBin>	[1..1]	Text		680
	OriginalAmount <OrgnlAmt>	[0..1]			680
	ActualAmount <ActlAmt>	[0..1]	Amount		680
	MinimumAmount <MinAmt>	[0..1]	Amount		680
	MaximumAmount <MaxAmt>	[0..1]	Amount		680
	CommissionDetails <ComssnDtls>	[0..*]			681
	Amount <Amt>	[1..1]	Amount		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	MarkUpDetails <MrkUpDtls>	[0..*]			681
	Rate <Rate>	[1..1]	Rate		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681
	DeclarationDetails <DclrtDtls>	[0..*]	±		681

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 1520

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	677
	NumericCode <NmrcCd>	[1..1]	Text		677
	Decimal <Dcml>	[1..1]	Quantity		677
	Name <Nm>	[0..1]	Text		677

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 1461

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 1517

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 1516

21.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

21.4.2.3.23.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1517

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 1517

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 1514

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 1514

21.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

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	679
	NumericCode <NmrcCd>	[0..1]	Text		679
	Decimal <Dcml>	[0..1]	Quantity		679
	Name <Nm>	[0..1]	Text		679

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 1461

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 1517

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 1516

21.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

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		680
	HigherBin <HghrBin>	[1..1]	Text		680

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 1519

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 1519

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		680
	MinimumAmount <MinAmt>	[0..1]	Amount		680
	MaximumAmount <MaxAmt>	[0..1]	Amount		680

21.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1457

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		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681

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 1457

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 1520

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		681
	AdditionalInformation <AddtlInf>	[0..1]	Text		681

21.4.2.3.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

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 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

21.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

21.4.2.3.23.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

21.4.2.3.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1518

21.4.2.3.23.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

21.4.2.3.23.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

21.4.2.3.23.19 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 1516

21.4.2.3.23.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		686
	Value <Val>	[0..1]	Binary		686
	ProtectedValue <PrctcdVal>	[0..1]	±		686
	Type <Tp>	[0..1]	Text		686

21.4.2.3.23.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

21.4.2.3.23.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

21.4.2.3.23.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

21.4.2.3.23.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

21.4.2.3.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

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]	±		687
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			687
	Response <Rspn>	[1..1]	CodeSet		688
	ResponseReason <RspnRsn>	[0..1]	Text		688
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		688
	AuthorisationCode <AuthstnCd>	[0..1]	Text		688

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

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		688
	ResponseReason <RspnRsn>	[0..1]	Text		688
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		688

21.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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 1520

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 1519

21.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

21.4.2.3.25 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

Definition: Result of the performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		689
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		689
	Result <RsIt>	[0..1]	CodeSet		690
	AdditionalResult <AddtlRsIt>	[0..1]	Text		690

21.4.2.3.25.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1470

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

21.4.2.3.25.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1470

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

21.4.2.3.25.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1513

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

21.4.2.3.25.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1521

21.4.2.3.26 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1522

21.4.2.3.27 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		691
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		692
	AccountName <AcctNm>	[0..1]	Text		692
	AccountOwner <AcctOwnr>	[0..1]			693
	Name <Nm>	[1..1]	Text		693
	Address <Adr>	[1..1]	±		693
	Currency <Ccy>	[0..1]	CodeSet	C1	693
	AccountIdentifier <AcctIdr>	[0..1]			694
{Or	Card <Card>	[1..1]	Text		694
Or	MSISDN <MSISDN>	[1..1]	Text		694
Or	EMail <EMail>	[1..1]	Text		694
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	694
Or	BBAN <BBAN>	[1..1]	IdentifierSet		695
Or	UPIC <UPIC>	[1..1]	IdentifierSet		695
Or	Domestic <Dmst>	[1..1]	Text		695
Or}	Other <Othr>	[1..1]	Text		695
	Servicer <Svcr>	[0..1]			695
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	696
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		696

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 1460

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 1474

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 1522

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		693
	Address <Adr>	[1..1]	±		693

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 1522

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 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

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 1461

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		694
Or	MSISDN <MSISDN>	[1..1]	Text		694
Or	EEmail <EEmail>	[1..1]	Text		694
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	694
Or	BBAN <BBAN>	[1..1]	IdentifierSet		695
Or	UPIC <UPIC>	[1..1]	IdentifierSet		695
Or	Domestic <Dmst>	[1..1]	Text		695
Or}	Other <Othr>	[1..1]	Text		695

21.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

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 1519

21.4.2.3.27.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

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 1515

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 1515

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 1520

21.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

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	696
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		696

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 1514

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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

21.4.2.3.28 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		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	C4	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

21.4.2.3.28.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1460

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.

21.4.2.3.28.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

21.4.2.3.28.3 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 1522

21.4.2.3.28.4 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

21.4.2.3.28.4.1 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 1522

21.4.2.3.28.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

21.4.2.3.28.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

21.4.2.3.28.6 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	EMail <EMail>	[1..1]	Text		700
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	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

21.4.2.3.28.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

21.4.2.3.28.6.2 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 1519

21.4.2.3.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

21.4.2.3.28.6.4 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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

Constraints

- **IBAN**

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

21.4.2.3.28.6.5 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 1515

21.4.2.3.28.6.6 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 1515

21.4.2.3.28.6.7 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 1520

21.4.2.3.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

21.4.2.3.28.7 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 <PrtryId>	[1..1]	±		702

21.4.2.3.28.7.1 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 1514

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.

21.4.2.3.28.7.2 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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

21.4.2.3.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

21.4.2.4 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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

22 caaa.021.001.04 TransactionAdviceResponseV04

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 TransactionAdviceResponseV04 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Completion advice message management information.
- B. TransactionAdviceResponse
Information related to the transaction advice response.
- C. SecurityTrailer
Trailer of the message containing a MAC.

22.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <TxAdvRspn>	[1..1]			
	Header <Hdr>	[1..1]			706
	MessageFunction <MsgFctn>	[1..1]	CodeSet		706
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		708
	ExchangeIdentification <XchgId>	[1..1]	Quantity		708
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		708
	CreationDateTime <CreDtTm>	[1..1]	DateTime		708
	InitiatingParty <InitgPty>	[1..1]	±		708
	RecipientParty <RcptPty>	[0..1]	±		709
	Traceability <Tracblt>	[0..*]	±		709
	TransactionAdviceResponse <TxAdvRspn>	[1..1]			710
	Environment <Envt>	[1..1]	±		710
	Transaction <Tx>	[1..1]			716
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		716
	TransactionIdentification <TxId>	[1..1]	±		716
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		717
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		717
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		717
	Response <Rspn>	[1..1]	CodeSet		717
	TMSTrigger <TMSTrggr>	[0..1]			717
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		718
	TMSIdentification <TMSId>	[0..1]	Text		718
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		718
	SupplementaryData <SplmtryData>	[0..*]	±	C3	718
	SecurityTrailer <SctyTrlr>	[0..1]	±		719

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		706
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		708
	ExchangeIdentification <XchgId>	[1..1]	Quantity		708
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		708
	CreationDateTime <CreDtTm>	[1..1]	DateTime		708
	InitiatingParty <InitgPty>	[1..1]	±		708
	RecipientParty <RcptPty>	[0..1]	±		709
	Traceability <Tracblt>	[0..*]	±		709

22.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

22.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

22.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

22.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

22.4.2 TransactionAdviceResponse <TxAdvcRspn>

Presence: [1..1]

Definition: Information related to the transaction advice response.

TransactionAdviceResponse <TxAdvcRspn> contains the following
AcceptorCompletionAdviceResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		710
	Transaction <Tx>	[1..1]			716
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		716
	TransactionIdentification <TxId>	[1..1]	±		716
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		717
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		717
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		717
	Response <Rspn>	[1..1]	CodeSet		717
	TMSTrigger <TMSTrggr>	[0..1]			717
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		718
	TMSIdentification <TMSId>	[0..1]	Text		718
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		718
	SupplementaryData <SplmtryData>	[0..*]	±	C3	718

22.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

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		716
	TransactionIdentification <TxId>	[1..1]	±		716
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		717
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		717
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		717
	Response <Rspn>	[1..1]	CodeSet		717

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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 1520

22.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: ["Response9Code"](#) on page 1503

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).

22.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		718
	TMSIdentification <TMSId>	[0..1]	Text		718
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		718

22.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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 1520

22.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on [page 1417](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

23 caaa.022.001.03

AcceptorNonFinancialRequestV03

23.1 MessageDefinition Functionality

The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).

Outline

The AcceptorNonFinancialRequestV03 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]			726
	MessageFunction <MsgFctn>	[1..1]	CodeSet		726
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		728
	ExchangeIdentification <XchgId>	[1..1]	Quantity		728
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		728
	CreationDateTime <CreDtTm>	[1..1]	DateTime		728
	InitiatingParty <InitgPty>	[1..1]	±		728
	RecipientParty <RcptPty>	[0..1]	±		729
	Traceability <Tracblt>	[0..*]	±		729
	NonFinancialRequest <NonFinReq>	[1..1]			730
	Environment <Envt>	[1..1]	±		735
	Context <Cntxt>	[1..1]	±		741
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			744
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		749
	Transaction <Tx>	[0..1]			749
	TransactionCapture <TxCaptr>	[1..1]	Indicator		753
	TransactionType <TxTp>	[0..1]	CodeSet		754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		754
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		755
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		755
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		755
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		756
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		756
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		756
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		756
	TransactionIdentification <TxId>	[1..1]	±		756
	OriginalTransaction <OrgnlTx>	[0..1]	±		756
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		757
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		757

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		757
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		758
	TransactionDetails <TxDtIs>	[1..1]			758
	Currency <Ccy>	[0..1]	CodeSet	C1	760
	TotalAmount <TtlAmt>	[1..1]	Amount		761
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		761
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		761
	DetailedAmount <DtldAmt>	[0..1]	±		761
	RequestedAmount <ReqdAmt>	[0..1]	Amount		762
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		762
	InvoiceAmount <InvcAmt>	[0..1]	Amount		762
	ValidityDate <VldtyDt>	[0..1]	Date		762
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		762
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		763
	AccountType <AcctTp>	[0..1]	CodeSet		763
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			764
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		766
	Conversion <Convs>	[0..1]			766
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		768
	TargetCurrency <TrgtCcy>	[1..1]			768
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768
	ResultingAmount <RsltgAmt>	[0..1]	Amount		769
	ExchangeRate <XchgRate>	[1..1]	Rate		769
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		769
	QuotationDate <QtnDt>	[0..1]	DateTime		769
	ValidFrom <VldFr>	[0..1]	DateTime		769
	ValidUntil <VldUntil>	[0..1]	DateTime		769
	SourceCurrency <SrcCcy>	[1..1]			769

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <DcmI>	[0..1]	Quantity		770
	Name <Nm>	[0..1]	Text		770
	ApplicableBinRange <ApIblBinRg>	[0..*]			770
	LowerBin <LwrBin>	[1..1]	Text		771
	HigherBin <HghrBin>	[1..1]	Text		771
	OriginalAmount <OrgnlAmt>	[0..1]			771
	ActualAmount <ActlAmt>	[0..1]	Amount		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771
	CommissionDetails <ComssnDtls>	[0..*]			772
	Amount <Amt>	[1..1]	Amount		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	MarkUpDetails <MrkUpDtls>	[0..*]			772
	Rate <Rate>	[1..1]	Rate		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	DeclarationDetails <DclrtnDtls>	[0..*]	±		772
	Instalment <Instlmt>	[0..*]	±		773
	AggregationTransaction <AggtnTx>	[0..1]	±		774
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		775
	SaleItem <SaleItm>	[0..*]	±		775
	DeliveryLocation <DlvryLctn>	[0..1]	Text		776
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		776
	AdditionalInformation <AddtlInf>	[0..*]			776
	Identification <Id>	[1..1]	Text		777
	Value <Val>	[0..1]	Binary		777
	ProtectedValue <PrctcdVal>	[0..1]	±		777
	Type <Tp>	[0..1]	Text		777
	ICCRelatedData <ICCRItdData>	[0..1]	Binary		777
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		778

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			778
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		778
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		779
	AccountName <AcctNm>	[0..1]	Text		780
	AccountOwner <AcctOwnr>	[0..1]			780
	Name <Nm>	[1..1]	Text		780
	Address <Adr>	[1..1]	±		780
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	AccountIdentifier <AcctIdr>	[0..1]			781
{Or	Card <Card>	[1..1]	Text		782
Or	MSISDN <MSISDN>	[1..1]	Text		782
Or	EMail <EMail>	[1..1]	Text		782
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	782
Or	BBAN <BBAN>	[1..1]	IdentifierSet		783
Or	UPIC <UPIC>	[1..1]	IdentifierSet		783
Or	Domestic <Dmst>	[1..1]	Text		783
Or}	Other <Othr>	[1..1]	Text		783
	Servicer <Svcr>	[0..1]			783
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	783
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		784
	AccountTo <AcctTo>	[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	MSISDN <MSISDN>	[1..1]	Text		788

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	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
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		790
	AdditionalRequest <AddtlReq>	[0..8]			790
	Identification <Id>	[1..1]	Text		791
	Value <Val>	[0..1]	Binary		791
	ProtectedValue <PrctdVal>	[0..1]	±		791
	Type <Tp>	[0..1]	Text		791
	SupplementaryData <SplmtryData>	[0..*]	±	C5	791
	SecurityTrailer <SctyTrlr>	[0..1]	±		792

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 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.

C7 ValidationByTable

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

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		726
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		728
	ExchangeIdentification <Xchgld>	[1..1]	Quantity		728
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		728
	CreationDateTime <CreDtTm>	[1..1]	DateTime		728
	InitiatingParty <InitgPty>	[1..1]	±		728
	RecipientParty <RcptPty>	[0..1]	±		729
	Traceability <Tracblt>	[0..*]	±		729

23.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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.

CodeName	Name	Definition
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.

23.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1522

23.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

23.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

23.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

23.4.2 NonFinancialRequest <NonFinReq>

Presence: [1..1]

Definition: Information related to the non financial request.

NonFinancialRequest <NonFinReq> contains the following **NonFinancialRequestComponent3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		735
	Context <Cntxt>	[1..1]	±		741
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			744
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		749
	Transaction <Tx>	[0..1]			749
	TransactionCapture <TxCaptr>	[1..1]	Indicator		753
	TransactionType <TxTp>	[0..1]	CodeSet		754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		754
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		755
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		755
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		755
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		756
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		756
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		756
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		756
	TransactionIdentification <TxId>	[1..1]	±		756
	OriginalTransaction <OrgnlTx>	[0..1]	±		756
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		757
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		757
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		757
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		758
	TransactionDetails <TxDtls>	[1..1]			758
	Currency <Ccy>	[0..1]	CodeSet	C1	760
	TotalAmount <TtlAmt>	[1..1]	Amount		761
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		761
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		761
	DetailedAmount <DtldAmt>	[0..1]	±		761
	RequestedAmount <ReqdAmt>	[0..1]	Amount		762
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		762
	InvoiceAmount <InvcAmt>	[0..1]	Amount		762

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		762
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		762
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		763
	AccountType <AcctTp>	[0..1]	CodeSet		763
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			764
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		766
	Conversion <Convs>	[0..1]			766
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		768
	TargetCurrency <TrgtCcy>	[1..1]			768
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768
	ResultingAmount <RsltAmt>	[0..1]	Amount		769
	ExchangeRate <XchgRate>	[1..1]	Rate		769
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		769
	QuotationDate <QtnDt>	[0..1]	DateTime		769
	ValidFrom <VldFr>	[0..1]	DateTime		769
	ValidUntil <VldUntil>	[0..1]	DateTime		769
	SourceCurrency <SrcCcy>	[1..1]			769
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <Dcml>	[0..1]	Quantity		770
	Name <Nm>	[0..1]	Text		770
	ApplicableBinRange <AplblBinRg>	[0..*]			770
	LowerBin <LwrBin>	[1..1]	Text		771
	HigherBin <HghrBin>	[1..1]	Text		771
	OriginalAmount <OrgnlAmt>	[0..1]			771
	ActualAmount <ActlAmt>	[0..1]	Amount		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			772
	Amount <Amt>	[1..1]	Amount		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	MarkUpDetails <MrkUpDtls>	[0..*]			772
	Rate <Rate>	[1..1]	Rate		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	DeclarationDetails <DclrtnDtls>	[0..*]	±		772
	Instalment <Instlmt>	[0..*]	±		773
	AggregationTransaction <AggtnTx>	[0..1]	±		774
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		775
	SaleItem <Saleitm>	[0..*]	±		775
	DeliveryLocation <DlvryLctn>	[0..1]	Text		776
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		776
	AdditionalInformation <AddtlInf>	[0..*]			776
	Identification <Id>	[1..1]	Text		777
	Value <Val>	[0..1]	Binary		777
	ProtectedValue <PrtctdVal>	[0..1]	±		777
	Type <Tp>	[0..1]	Text		777
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		777
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		778
	AccountFrom <AcctFr>	[0..1]			778
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		778
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		779
	AccountName <AcctNm>	[0..1]	Text		780
	AccountOwner <AcctOwnr>	[0..1]			780
	Name <Nm>	[1..1]	Text		780
	Address <Adr>	[1..1]	±		780
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	AccountIdentifier <Acctldr>	[0..1]			781
{Or	Card <Card>	[1..1]	Text		782
Or	MSISDN <MSISDN>	[1..1]	Text		782

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		782
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	782
Or	BBAN <BBAN>	[1..1]	IdentifierSet		783
Or	UPIC <UPIC>	[1..1]	IdentifierSet		783
Or	Domestic <Dmst>	[1..1]	Text		783
Or}	Other <Othr>	[1..1]	Text		783
	Servicer <Svcr>	[0..1]			783
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	783
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		784
	AccountTo <AcctTo>	[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	C4	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
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		790
	AdditionalRequest <AddtlReq>	[0..8]			790

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		791
	Value <Val>	[0..1]	Binary		791
	ProtectedValue <PrctcdVal>	[0..1]	±		791
	Type <Tp>	[0..1]	Text		791
	SupplementaryData <SplmtryData>	[0..*]	±	C5	791

23.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <Sc/SctyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

23.4.2.3 NonFinancialRequestContent <NonFinReqCntt>

Presence: [1..1]

Definition: Aim of the non financial request.

NonFinancialRequestContent <NonFinReqCntt> contains the following
NonFinancialRequestContentComponent3 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		749
	Transaction <Tx>	[0..1]			749
	TransactionCapture <TxCaptr>	[1..1]	Indicator		753
	TransactionType <TxTp>	[0..1]	CodeSet		754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		754
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		755
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		755
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		755
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		756
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		756
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		756
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		756
	TransactionIdentification <TxId>	[1..1]	±		756
	OriginalTransaction <OrgnlTx>	[0..1]	±		756
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		757
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		757
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		757
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		758
	TransactionDetails <TxDtls>	[1..1]			758
	Currency <Ccy>	[0..1]	CodeSet	C1	760
	TotalAmount <TtlAmt>	[1..1]	Amount		761
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		761
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		761
	DetailedAmount <DtldAmt>	[0..1]	±		761
	RequestedAmount <ReqdAmt>	[0..1]	Amount		762
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		762
	InvoiceAmount <InvcAmt>	[0..1]	Amount		762
	ValidityDate <VldtyDt>	[0..1]	Date		762
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		762
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		763

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		763
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			764
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		766
	Conversion <Convs>	[0..1]			766
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		768
	TargetCurrency <TrgtCcy>	[1..1]			768
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		769
	ExchangeRate <XchgRate>	[1..1]	Rate		769
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		769
	QuotationDate <QtnDt>	[0..1]	DateTime		769
	ValidFrom <VldFr>	[0..1]	DateTime		769
	ValidUntil <VldUntil>	[0..1]	DateTime		769
	SourceCurrency <SrcCcy>	[1..1]			769
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <Dcml>	[0..1]	Quantity		770
	Name <Nm>	[0..1]	Text		770
	ApplicableBinRange <AplblBinRg>	[0..*]			770
	LowerBin <LwrBin>	[1..1]	Text		771
	HigherBin <HghrBin>	[1..1]	Text		771
	OriginalAmount <OrgnlAmt>	[0..1]			771
	ActualAmount <ActlAmt>	[0..1]	Amount		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771
	CommissionDetails <ComssnDtls>	[0..*]			772
	Amount <Amt>	[1..1]	Amount		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			772
	Rate <Rate>	[1..1]	Rate		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	DeclarationDetails <DclrtnDtls>	[0..*]	±		772
	Instalment <Instlmt>	[0..*]	±		773
	AggregationTransaction <AggtnTx>	[0..1]	±		774
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		775
	SaleItem <Saleitm>	[0..*]	±		775
	DeliveryLocation <DlvryLctn>	[0..1]	Text		776
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		776
	AdditionalInformation <AddtlInf>	[0..*]			776
	Identification <Id>	[1..1]	Text		777
	Value <Val>	[0..1]	Binary		777
	ProtectedValue <PrtctdVal>	[0..1]	±		777
	Type <Tp>	[0..1]	Text		777
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		777
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		778
	AccountFrom <AcctFr>	[0..1]			778
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		778
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		779
	AccountName <AcctNm>	[0..1]	Text		780
	AccountOwner <AcctOwnr>	[0..1]			780
	Name <Nm>	[1..1]	Text		780
	Address <Adr>	[1..1]	±		780
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	AccountIdentifier <AcctIdr>	[0..1]			781
{Or	Card <Card>	[1..1]	Text		782
Or	MSISDN <MSISDN>	[1..1]	Text		782
Or	Email <EMail>	[1..1]	Text		782
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	782
Or	BBAN <BBAN>	[1..1]	IdentifierSet		783

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	UPIC <UPIC>	[1..1]	IdentifierSet		783
Or	Domestic <Dmst>	[1..1]	Text		783
Or}	Other <Othr>	[1..1]	Text		783
	Servicer <Svcr>	[0..1]			783
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	783
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		784
	AccountTo <AcctTo>	[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	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	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
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		790
	AdditionalRequest <AddtlReq>	[0..8]			790
	Identification <Id>	[1..1]	Text		791
	Value <Val>	[0..1]	Binary		791
	ProtectedValue <PrctcdVal>	[0..1]	±		791

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		791

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 1493

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 **CardPaymentTransaction124** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		753
	TransactionType <TxTp>	[0..1]	CodeSet		754
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		754
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		755
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		755
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		755
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		756
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		756
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		756
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		756
	TransactionIdentification <TxId>	[1..1]	±		756
	OriginalTransaction <OrgnlTx>	[0..1]	±		756
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		757
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		757
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		757
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		758
	TransactionDetails <TxDtIs>	[1..1]			758
	Currency <Ccy>	[0..1]	CodeSet	C1	760
	TotalAmount <TtlAmt>	[1..1]	Amount		761
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		761
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		761
	DetailedAmount <DtldAmt>	[0..1]	±		761
	RequestedAmount <ReqdAmt>	[0..1]	Amount		762
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		762
	InvoiceAmount <InvAmt>	[0..1]	Amount		762
	ValidityDate <VldtyDt>	[0..1]	Date		762
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		762
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		763
	AccountType <AcctTp>	[0..1]	CodeSet		763
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			764
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		766

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			766
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		768
	TargetCurrency <TrgtCcy>	[1..1]			768
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768
	ResultingAmount <RsltAmt>	[0..1]	Amount		769
	ExchangeRate <XchgRate>	[1..1]	Rate		769
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		769
	QuotationDate <QtnDt>	[0..1]	DateTime		769
	ValidFrom <VldFr>	[0..1]	DateTime		769
	ValidUntil <VldUntil>	[0..1]	DateTime		769
	SourceCurrency <SrcCcy>	[1..1]			769
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <Dcml>	[0..1]	Quantity		770
	Name <Nm>	[0..1]	Text		770
	ApplicableBinRange <AplblBinRg>	[0..*]			770
	LowerBin <LwrBin>	[1..1]	Text		771
	HigherBin <HghrBin>	[1..1]	Text		771
	OriginalAmount <OrgnlAmt>	[0..1]			771
	ActualAmount <ActlAmt>	[0..1]	Amount		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771
	CommissionDetails <ComssnDtls>	[0..*]			772
	Amount <Amt>	[1..1]	Amount		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	MarkUpDetails <MrkUpDtls>	[0..*]			772
	Rate <Rate>	[1..1]	Rate		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		772
	Instalment <Instlmt>	[0..*]	±		773
	AggregationTransaction <AggtnTx>	[0..1]	±		774
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		775
	SaleItem <SaleItm>	[0..*]	±		775
	DeliveryLocation <DlvryLctn>	[0..1]	Text		776
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		776
	AdditionalInformation <AddtlInf>	[0..*]			776
	Identification <Id>	[1..1]	Text		777
	Value <Val>	[0..1]	Binary		777
	ProtectedValue <PrctcdVal>	[0..1]	±		777
	Type <Tp>	[0..1]	Text		777
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		777
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		778
	AccountFrom <AcctFr>	[0..1]			778
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		778
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		779
	AccountName <AcctNm>	[0..1]	Text		780
	AccountOwner <AcctOwnr>	[0..1]			780
	Name <Nm>	[1..1]	Text		780
	Address <Adr>	[1..1]	±		780
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	AccountIdentifier <AcctIdr>	[0..1]			781
{Or	Card <Card>	[1..1]	Text		782
Or	MSISDN <MSISDN>	[1..1]	Text		782
Or	EMail <EMail>	[1..1]	Text		782
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	782
Or	BBAN <BBAN>	[1..1]	IdentifierSet		783
Or	UPIC <UPIC>	[1..1]	IdentifierSet		783
Or	Domestic <Dmst>	[1..1]	Text		783
Or}	Other <Othr>	[1..1]	Text		783

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Servicer <Svcr>	[0..1]			783
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	783
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		784
	AccountTo <AcctTo>	[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	MSISDN <MSISDN>	[1..1]	Text		788
Or	EMail <EMail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	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
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		790

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 1516):

- *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 1477

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 1479

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.

CodeName	Name	Definition
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 1478

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 1516):

- *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 1523

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 1516):

- *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 1520

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 1520

23.4.2.3.2.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

23.4.2.3.2.11 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

23.4.2.3.2.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

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 1520

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 1520

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 1519

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 1519

23.4.2.3.2.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	760
	TotalAmount <TtlAmt>	[1..1]	Amount		761
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		761
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		761
	DetailedAmount <DtldAmt>	[0..1]	±		761
	RequestedAmount <ReqdAmt>	[0..1]	Amount		762
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		762
	InvoiceAmount <InvcAmt>	[0..1]	Amount		762
	ValidityDate <VldtyDt>	[0..1]	Date		762
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		762
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		763
	AccountType <AcctTp>	[0..1]	CodeSet		763
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			764
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		766
	Conversion <Convs>	[0..1]			766
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		768
	TargetCurrency <TrgtCcy>	[1..1]			768
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768
	ResultingAmount <RsltgAmt>	[0..1]	Amount		769
	ExchangeRate <XchgRate>	[1..1]	Rate		769
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		769
	QuotationDate <QtnDt>	[0..1]	DateTime		769
	ValidFrom <VldFr>	[0..1]	DateTime		769
	ValidUntil <VldUntil>	[0..1]	DateTime		769
	SourceCurrency <SrcCcy>	[1..1]			769
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <Dcml>	[0..1]	Quantity		770

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		770
	ApplicableBinRange <AplblBinRg>	[0..*]			770
	LowerBin <LwrBin>	[1..1]	Text		771
	HigherBin <HghrBin>	[1..1]	Text		771
	OriginalAmount <OrgnlAmt>	[0..1]			771
	ActualAmount <ActlAmt>	[0..1]	Amount		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771
	CommissionDetails <ComssnDtls>	[0..*]			772
	Amount <Amt>	[1..1]	Amount		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	MarkUpDetails <MrkUpDtls>	[0..*]			772
	Rate <Rate>	[1..1]	Rate		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	DeclarationDetails <Dclrtndtls>	[0..*]	±		772
	Instalment <Instlmt>	[0..*]	±		773
	AggregationTransaction <AggtnTx>	[0..1]	±		774
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		775
	SaleItem <Saleitm>	[0..*]	±		775
	DeliveryLocation <DlvryLctn>	[0..1]	Text		776
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		776
	AdditionalInformation <AddtlInf>	[0..*]			776
	Identification <Id>	[1..1]	Text		777
	Value <Val>	[0..1]	Binary		777
	ProtectedValue <PrctcdVal>	[0..1]	±		777
	Type <Tp>	[0..1]	Text		777
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		777

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 1461

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 1457

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 1457

23.4.2.3.2.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

23.4.2.3.2.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

23.4.2.3.2.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1457

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 1514

23.4.2.3.2.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

23.4.2.3.2.17.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

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 1474

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.

CodeName	Name	Definition
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 **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		766
	Conversion <Convs>	[0..1]			766
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		768
	TargetCurrency <TrgtCcy>	[1..1]			768
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		769
	ExchangeRate <XchgRate>	[1..1]	Rate		769
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		769
	QuotationDate <QtnDt>	[0..1]	DateTime		769
	ValidFrom <VldFr>	[0..1]	DateTime		769
	ValidUntil <VldUntil>	[0..1]	DateTime		769
	SourceCurrency <SrcCcy>	[1..1]			769
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <Dcml>	[0..1]	Quantity		770
	Name <Nm>	[0..1]	Text		770
	ApplicableBinRange <AplblBinRg>	[0..*]			770
	LowerBin <LwrBin>	[1..1]	Text		771
	HigherBin <HghrBin>	[1..1]	Text		771
	OriginalAmount <OrgnlAmt>	[0..1]			771
	ActualAmount <ActlAmt>	[0..1]	Amount		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771
	CommissionDetails <ComssnDtls>	[0..*]			772
	Amount <Amt>	[1..1]	Amount		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	MarkUpDetails <MrkUpDtls>	[0..*]			772

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	DeclarationDetails <DclrtnDtls>	[0..*]	±		772

23.4.2.3.2.17.13.1 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 1516):

- *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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		768
	TargetCurrency <TrgtCcy>	[1..1]			768
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768
	ResultingAmount <RsltAmt>	[0..1]	Amount		769
	ExchangeRate <XchgRate>	[1..1]	Rate		769
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		769
	QuotationDate <QtnDt>	[0..1]	DateTime		769
	ValidFrom <VldFr>	[0..1]	DateTime		769
	ValidUntil <VldUntil>	[0..1]	DateTime		769
	SourceCurrency <SrcCcy>	[1..1]			769
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <Dcml>	[0..1]	Quantity		770
	Name <Nm>	[0..1]	Text		770
	ApplicableBinRange <AplblBinRg>	[0..*]			770
	LowerBin <LwrBin>	[1..1]	Text		771
	HigherBin <HghrBin>	[1..1]	Text		771
	OriginalAmount <OrgnlAmt>	[0..1]			771
	ActualAmount <ActlAmt>	[0..1]	Amount		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771
	CommissionDetails <ComssnDtls>	[0..*]			772
	Amount <Amt>	[1..1]	Amount		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	MarkUpDetails <MrkUpDtls>	[0..*]			772
	Rate <Rate>	[1..1]	Rate		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772
	DeclarationDetails <DclrtDtls>	[0..*]	±		772

23.4.2.3.2.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

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	768
	NumericCode <NmrcCd>	[1..1]	Text		768
	Decimal <Dcml>	[1..1]	Quantity		768
	Name <Nm>	[0..1]	Text		768

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 1461

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 1517

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 1516

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 1520

23.4.2.3.2.17.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1517

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 1517

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 1514

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 1514

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 1514

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	770
	NumericCode <NmrcCd>	[0..1]	Text		770
	Decimal <Dcml>	[0..1]	Quantity		770
	Name <Nm>	[0..1]	Text		770

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 1461

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 1517

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 1516

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 1520

23.4.2.3.2.17.13.2.10 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		771
	HigherBin <HghrBin>	[1..1]	Text		771

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 1519

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 1519

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		771
	MinimumAmount <MinAmt>	[0..1]	Amount		771
	MaximumAmount <MaxAmt>	[0..1]	Amount		771

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 1457

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 1457

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 1457

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		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772

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 1457

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 1520

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		772
	AdditionalInformation <AddtlInf>	[0..1]	Text		772

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 1517

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 1520

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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

23.4.2.3.2.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

23.4.2.3.2.17.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

23.4.2.3.2.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1518

23.4.2.3.2.17.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

23.4.2.3.2.17.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

23.4.2.3.2.17.19 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 1516

23.4.2.3.2.17.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		777
	Value <Val>	[0..1]	Binary		777
	ProtectedValue <PrctcdVal>	[0..1]	±		777
	Type <Tp>	[0..1]	Text		777

23.4.2.3.2.17.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

23.4.2.3.2.17.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

23.4.2.3.2.17.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

23.4.2.3.2.17.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

23.4.2.3.2.17.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

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 1522

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		778
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		779
	AccountName <AcctNm>	[0..1]	Text		780
	AccountOwner <AcctOwnr>	[0..1]			780
	Name <Nm>	[1..1]	Text		780
	Address <Adr>	[1..1]	±		780
	Currency <Ccy>	[0..1]	CodeSet	C1	781
	AccountIdentifier <AcctIdr>	[0..1]			781
{Or	Card <Card>	[1..1]	Text		782
Or	MSISDN <MSISDN>	[1..1]	Text		782
Or	EMail <EMail>	[1..1]	Text		782
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	782
Or	BBAN <BBAN>	[1..1]	IdentifierSet		783
Or	UPIC <UPIC>	[1..1]	IdentifierSet		783
Or	Domestic <Dmst>	[1..1]	Text		783
Or}	Other <Othr>	[1..1]	Text		783
	Servicer <Svcr>	[0..1]			783
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	783
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		784

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 1460

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

23.4.2.3.2.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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

CodeName	Name	Definition
FLTC	FleetCard	Fleet card account.

23.4.2.3.2.19.3 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 1522

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		780
	Address <Adr>	[1..1]	±		780

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 1522

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 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

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 1461

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 <Acctldr>

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		782
Or	MSISDN <MSISDN>	[1..1]	Text		782
Or	EEmail <EEmail>	[1..1]	Text		782
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	782
Or	BBAN <BBAN>	[1..1]	IdentifierSet		783
Or	UPIC <UPIC>	[1..1]	IdentifierSet		783
Or	Domestic <Dmst>	[1..1]	Text		783
Or}	Other <Othr>	[1..1]	Text		783

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 1524

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 1519

23.4.2.3.2.19.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

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 1515

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 1515

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 1520

23.4.2.3.2.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

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	783
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		784

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 1514

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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

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		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	C4	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

23.4.2.3.2.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1460

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 1474

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 1522

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		787
	Address <Adr>	[1..1]	±		787

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 1522

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 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

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 1461

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		788
Or	MSISDN <MSISDN>	[1..1]	Text		788
Or	EEmail <EEmail>	[1..1]	Text		788
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	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

23.4.2.3.2.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

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 1519

23.4.2.3.2.20.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

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 1515

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 1515

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 1520

23.4.2.3.2.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

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	790
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		790

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 1514

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 <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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

23.4.2.3.2.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		791
	Value <Val>	[0..1]	Binary		791
	ProtectedValue <PrctcdVal>	[0..1]	±		791
	Type <Tp>	[0..1]	Text		791

23.4.2.3.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

23.4.2.3.3.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

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 "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

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 1518

23.4.2.4 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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

24 caaa.023.001.03

AcceptorNonFinancialResponseV03

24.1 MessageDefinition Functionality

The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.

Outline

The AcceptorNonFinancialResponseV03 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]			795
	MessageFunction <MsgFctn>	[1..1]	CodeSet		796
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		797
	ExchangeIdentification <XchgId>	[1..1]	Quantity		798
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		798
	CreationDateTime <CreDtTm>	[1..1]	DateTime		798
	InitiatingParty <InitgPty>	[1..1]	±		798
	RecipientParty <RcptPty>	[0..1]	±		798
	Traceability <Tracblt>	[0..*]	±		799
	NonFinancialResponse <NonFinRspn>	[1..1]			799
	Environment <Envt>	[1..1]	±		800
	ResponseContent <RspnCnnt>	[1..*]			806
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		807
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		807
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		807
	Instalment <Instlmt>	[0..*]	±		808
	AdditionalResponse <AddtlRspn>	[0..*]			808
	Identification <Id>	[1..1]	Text		809
	Value <Val>	[0..1]	Binary		809
	ProtectedValue <PrtctdVal>	[0..1]	±		809
	Type <Tp>	[0..1]	Text		809
	Action <Actn>	[0..*]			809
	ActionType <ActnTp>	[1..1]	CodeSet		810
	MessageToPresent <MsgToPres>	[0..1]	±		811
	RemoteAccess <RmotAccs>	[0..1]	±		811
	Retry <Rtry>	[0..1]	±		812
	TimeCondition <TmCond>	[0..1]	±		812
	Response <Rspn>	[1..1]	±		812
	Response <Rspn>	[1..1]	±		813

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C3	813
	SecurityTrailer <SctyTrlr>	[0..1]	±		813

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.

C5 ValidationByTable

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

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		796
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		797
	ExchangeIdentification <XchgId>	[1..1]	Quantity		798
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		798
	CreationDateTime <CreDtTm>	[1..1]	DateTime		798
	InitiatingParty <InitgPty>	[1..1]	±		798
	RecipientParty <RcptPty>	[0..1]	±		798
	Traceability <Tracblt>	[0..*]	±		799

24.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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.

24.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1522

24.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

24.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

24.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

24.4.2 NonFinancialResponse <NonFinRspn>

Presence: [1..1]

Definition: Information related to the non financial response.

NonFinancialResponse <NonFinRspn> contains the following **NonFinancialResponseComponent3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		800
	ResponseContent <RspnCnnt>	[1..*]			806
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		807
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		807
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		807
	Instalment <Instlmt>	[0..*]	±		808
	AdditionalResponse <AddtlRspn>	[0..*]			808
	Identification <Id>	[1..1]	Text		809
	Value <Val>	[0..1]	Binary		809
	ProtectedValue <PrctcdVal>	[0..1]	±		809
	Type <Tp>	[0..1]	Text		809
	Action <Actn>	[0..*]			809
	ActionType <ActnTp>	[1..1]	CodeSet		810
	MessageToPresent <MsgToPres>	[0..1]	±		811
	RemoteAccess <RmotAccs>	[0..1]	±		811
	Retry <Rtry>	[0..1]	±		812
	TimeCondition <TmCond>	[0..1]	±		812
	Response <Rspn>	[1..1]	±		812
	Response <Rspn>	[1..1]	±		813
	SupplementaryData <SplmtryData>	[0..*]	±	C3	813

24.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscItyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

24.4.2.2 ResponseContent <RspnCnt>

Presence: [1..*]

Definition: Response of the non financial request.

ResponseContent <RspnCnt> contains the following **NonFinancialResponseContentComponent3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		807
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		807
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		807
	Instalment <Instlmt>	[0..*]	±		808
	AdditionalResponse <AddtlRspn>	[0..*]			808
	Identification <Id>	[1..1]	Text		809
	Value <Val>	[0..1]	Binary		809
	ProtectedValue <PrtctdVal>	[0..1]	±		809
	Type <Tp>	[0..1]	Text		809
	Action <Actn>	[0..*]			809
	ActionType <ActnTp>	[1..1]	CodeSet		810
	MessageToPresent <MsgToPres>	[0..1]	±		811
	RemoteAccess <RmotAccs>	[0..1]	±		811
	Retry <Rtry>	[0..1]	±		812
	TimeCondition <TmCond>	[0..1]	±		812
	Response <Rspn>	[1..1]	±		812

24.4.2.2.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..1]

Definition: Type of non financial request that the Acquirer processed.

Datatype: "NonFinancialRequestType2Code" on page 1493

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.

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 957 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		957
	ParametersVersion <ParamsVrsn>	[0..1]	Text		957

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 1494

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 "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		809
	Value <Val>	[0..1]	Binary		809
	ProtectedValue <PrctcdVal>	[0..1]	±		809
	Type <Tp>	[0..1]	Text		809

24.4.2.2.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

24.4.2.2.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

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 "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

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 1518

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 **Action14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		810
	MessageToPresent <MsgToPres>	[0..1]	±		811
	RemoteAccess <RmotAccs>	[0..1]	±		811
	Retry <Rtry>	[0..1]	±		812
	TimeCondition <TmCond>	[0..1]	±		812

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 1460

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

CodeName	Name	Definition
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 "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

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 1388 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertldr>	[0..*]	Binary		1389
	ClientCertificate <ClntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

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 1450 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1450
	MaximumNumber <MaxNb>	[0..1]	Quantity		1450
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1450

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 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1451
	EndTime <EndTm>	[0..1]	DateTime		1451
	Period <Prd>	[0..1]	Text		1451
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1451

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 1363 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1364
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1364
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1365

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 1363 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1364
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1364
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1365

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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

25 caaa.024.001.03

AcceptorTransactionLogReportRequestV03

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 AcceptorTransactionLogReportRequestV03 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]			817
	MessageFunction <MsgFctn>	[1..1]	CodeSet		818
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		819
	ExchangeIdentification <XchgId>	[1..1]	Quantity		820
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		820
	CreationDateTime <CreDtTm>	[1..1]	DateTime		820
	InitiatingParty <InitgPty>	[1..1]	±		820
	RecipientParty <RcptPty>	[0..1]	±		820
	Traceability <Tracblt>	[0..*]	±		821
	ReportRequest <RptReq>	[1..1]			821
	Environment <Envt>	[1..1]	±		822
	Context <Cntxt>	[1..1]	±		828
	ServiceContent <SvcCntt>	[1..1]	CodeSet		831
	ReportTransactionRequest <RptTxReq>	[0..1]			831
	SearchCriteria <SchCrit>	[1..*]			831
	SearchOr <SchOr>	[1..*]			832
	SearchAnd <SchAnd>	[1..*]			832
	Target <Trgt>	[1..1]	Text		832
	Operator <Oprtr>	[1..1]	CodeSet		832
	Value <Val>	[1..1]	Text		833
	SearchOutputOrder <SchOutptOrdr>	[0..1]			833
	CriteriaOrder <CritOrdr>	[1..*]			833
	Target <Trgt>	[1..1]	Text		833
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		833
	BlockStart <BlckStart>	[0..1]	Quantity		834
	BlockStop <BlckStop>	[0..1]	Quantity		834
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			834
	TotalDetails <TtlDtls>	[0..1]	CodeSet		834
	TotalFilter <TtlFltr>	[0..1]			835

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POIdentification <POId>	[0..1]	Text		835
	SaleIdentification <SaleId>	[0..1]	Text		835
	CashierIdentification <CshrlId>	[0..1]	Text		835
	ShiftNumber <ShftNb>	[0..1]	Text		835
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		835
	SupplementaryData <SplmtryData>	[0..*]	±	C5	836
	SecurityTrailer <SctyTrlr>	[0..1]	±		836

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		818
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		819
	ExchangeIdentification <XchgId>	[1..1]	Quantity		820
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		820
	CreationDateTime <CreDtTm>	[1..1]	DateTime		820
	InitiatingParty <InitgPty>	[1..1]	±		820
	RecipientParty <RcptPty>	[0..1]	±		820
	Traceability <Tracblt>	[0..*]	±		821

25.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

25.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

25.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

25.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

25.4.2 ReportRequest <RptReq>

Presence: [1..1]

Definition: Information related to the report request.

ReportRequest <RptReq> contains the following **ReportRequest6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		822
	Context <Cntxt>	[1..1]	±		828
	ServiceContent <SvcCntt>	[1..1]	CodeSet		831
	ReportTransactionRequest <RptTxReq>	[0..1]			831
	SearchCriteria <SchCrit>	[1..*]			831
	SearchOr <SchOr>	[1..*]			832
	SearchAnd <SchAnd>	[1..*]			832
	Target <Trgt>	[1..1]	Text		832
	Operator <Optr>	[1..1]	CodeSet		832
	Value <Val>	[1..1]	Text		833
	SearchOutputOrder <SchOutputOrdr>	[0..1]			833
	CriteriaOrder <CritOrdr>	[1..*]			833
	Target <Trgt>	[1..1]	Text		833
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		833
	BlockStart <BlickStart>	[0..1]	Quantity		834
	BlockStop <BlickStop>	[0..1]	Quantity		834
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			834
	TotalDetails <TtlDtls>	[0..1]	CodeSet		834
	TotalFilter <TtlFiltr>	[0..1]			835
	POIIdentification <POIId>	[0..1]	Text		835
	SaleIdentification <SaleId>	[0..1]	Text		835
	CashierIdentification <CshrlId>	[0..1]	Text		835
	ShiftNumber <ShftNb>	[0..1]	Text		835
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		835
	SupplementaryData <SplmtryData>	[0..*]	±	C5	836

25.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrdhldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandatImage <MndtImg>	[0..1]	Binary		1339

25.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService6Code" on page 1505

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..*]			831
	SearchOr <SchOr>	[1..*]			832
	SearchAnd <SchAnd>	[1..*]			832
	Target <Trgt>	[1..1]	Text		832
	Operator <Oprr>	[1..1]	CodeSet		832
	Value <Val>	[1..1]	Text		833
	SearchOutputOrder <SchOutputOrdr>	[0..1]			833
	CriteriaOrder <CritOrdr>	[1..*]			833
	Target <Trgt>	[1..1]	Text		833
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		833
	BlockStart <BlckStart>	[0..1]	Quantity		834
	BlockStop <BlckStop>	[0..1]	Quantity		834

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..*]			832
	SearchAnd <SchAnd>	[1..*]			832
	Target <Trgt>	[1..1]	Text		832
	Operator <Oprtr>	[1..1]	CodeSet		832
	Value <Val>	[1..1]	Text		833

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..*]			832
	Target <Trgt>	[1..1]	Text		832
	Operator <Oprtr>	[1..1]	CodeSet		832
	Value <Val>	[1..1]	Text		833

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		832
	Operator <Oprtr>	[1..1]	CodeSet		832
	Value <Val>	[1..1]	Text		833

25.4.2.4.1.1.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 1521

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 1495

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 1521

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..*]			833
	Target <Trgt>	[1..1]	Text		833

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		833

25.4.2.4.2.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 1521

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 1516):

- *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 1516

25.4.2.4.5 BlockStop <BlckStop>

Presence: [0..1]

Definition: Index of the last transaction matching the search criteria.

Datatype: "PositiveNumber" on page 1516

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		834
	TotalFilter <TtlFltr>	[0..1]			835
	POIIdentification <POIID>	[0..1]	Text		835
	SaleIdentification <SaleId>	[0..1]	Text		835
	CashierIdentification <CshrlId>	[0..1]	Text		835
	ShiftNumber <ShftNb>	[0..1]	Text		835
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		835

25.4.2.5.1 TotalDetails <TtlDtls>

Presence: [0..1]

Definition: Indicates the hierarchical structure of the report.

Datatype: "TotalDetails1Code" on page 1509

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		835
	SaleIdentification <SaleId>	[0..1]	Text		835
	CashierIdentification <CshrlId>	[0..1]	Text		835
	ShiftNumber <ShftNb>	[0..1]	Text		835
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		835

25.4.2.5.2.1 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 1520

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 1520

25.4.2.5.2.3 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1520

25.4.2.5.2.4 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max35Text" on page 1520

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 1520

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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

26 caaa.025.001.03

AcceptorTransactionLogReportResponseV03

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 AcceptorTransactionLogReportResponseV03 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]			845
	MessageFunction <MsgFctn>	[1..1]	CodeSet		845
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		847
	ExchangeIdentification <XchgId>	[1..1]	Quantity		847
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		847
	CreationDateTime <CreDtTm>	[1..1]	DateTime		847
	InitiatingParty <InitgPty>	[1..1]	±		847
	RecipientParty <RcptPty>	[0..1]	±		848
	Traceability <Tracblt>	[0..*]	±		848
	ReportResponse <RptRspn>	[1..1]			849
	Environment <Envt>	[1..1]	±		856
	Context <Cntxt>	[1..1]	±		862
	ServiceContent <SvcCntt>	[1..1]	CodeSet		865
	ReportTransactionResponse <RptTxRspn>	[0..1]			865
	ReportFullSize <RptFullSz>	[1..1]	Quantity		870
	BlockStart <BlckStart>	[1..1]	Quantity		870
	BlockStop <BlckStop>	[1..1]	Quantity		871
	TransactionReport <TxRpt>	[0..*]			871
	Environment <Envt>	[1..1]	±		876
	Context <Cntxt>	[1..1]	±		882
	ServiceContent <SvcCntt>	[1..1]	CodeSet		885
	PaymentResponse <PmtRspn>	[0..1]			885
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		886
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		887
	POITransactionIdentification <POITxId>	[1..1]	±		887
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		887
	IssuerReferenceData <IssrRefData>	[0..1]	Text		887
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		887
	PaymentReceipt <PmtRct>	[0..*]	±		890

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyResult <LtyRslt>	[0..*]			891
	Account <Acct>	[1..1]	±		891
	Amount <Amt>	[0..1]			892
	Unit <Unit>	[0..1]	CodeSet		892
	Currency <Ccy>	[0..1]	CodeSet	C1	892
	Amount <Amt>	[1..1]	Amount		893
	ServerData <SvrData>	[0..1]			893
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		893
	ApprovalCode <ApprvICd>	[0..1]	Text		893
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		893
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		894
	Rebates <Rbts>	[0..1]			894
	TotalRebate <TtlRbt>	[0..1]	Amount		894
	RebateLabel <RbtLbl>	[0..1]	Text		894
	SaleItemRebate <SaleitmRbt>	[0..*]			894
	SaleItem <Saleitm>	[1..1]	±		895
	RebateLabel <RbtLbl>	[0..1]	Text		895
	CustomerOrder <CstmrOrd>	[0..*]	±		895
	ReversalResponse <RvsIRspn>	[0..1]			896
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		896
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		897
	POITransactionIdentification <POITxId>	[1..1]	±		897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		897
	IssuerReferenceData <IssrRefData>	[0..1]	Text		897
	ReversalTransactionResult <RvsITxRslt>	[1..1]			897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		898
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		898
	CustomerOrder <CstmrOrd>	[0..*]	±		903
	ReversedAmount <RvsdAmt>	[0..1]	Amount		903
	Receipt <Rct>	[0..*]	±		903
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			904

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		905
	POITransactionIdentification <POITxId>	[0..1]	±		905
	PaymentAccount <PmtAcct>	[0..1]			905
	Currency <Ccy>	[0..1]	CodeSet	C1	905
	CurrentBalance <CurBal>	[0..1]	Amount		906
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		906
	LoyaltyAccount <LltyAcct>	[0..1]	±		906
	StoredValueAccount <StordValAcct>	[0..*]			906
	AccountType <AcctTp>	[0..1]	CodeSet		907
	IdentificationType <IdTp>	[0..1]	CodeSet		908
	Identification <Id>	[0..1]	Text		908
	Brand <Brnd>	[0..1]	Text		908
	Provider <Prvdr>	[0..1]	Text		908
	OwnerName <OwnrNm>	[0..1]	Text		908
	ExpiryDate <XpryDt>	[0..1]	Text		909
	EntryMode <NtryMd>	[0..1]	CodeSet		909
	Currency <Ccy>	[0..1]	CodeSet	C1	909
	Balance <Bal>	[0..1]	Amount		910
	Receipt <Rct>	[0..*]	±		910
	LoyaltyResponse <LltyRspn>	[0..1]			910
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		911
	POITransactionIdentification <POITxId>	[1..1]	±		911
	POIReconciliationIdentification <POIRcnccltnId>	[0..1]	Text		912
	Result <Rslt>	[0..*]			912
	Account <Acct>	[1..1]	±		912
	Amount <Amt>	[0..1]			913
	Unit <Unit>	[0..1]	CodeSet		913
	Currency <Ccy>	[0..1]	CodeSet	C1	913
	Amount <Amt>	[1..1]	Amount		914
	ServerData <SvrData>	[0..1]			914
	LoyaltyServerIdentification <LltySvrlId>	[0..1]	Text		914

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ApprovalCode <ApprvlCd>	[0..1]	Text		914
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		914
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		915
	Rebates <Rbts>	[0..1]			915
	TotalRebate <TtlRbt>	[0..1]	Amount		915
	RebateLabel <RbtLabl>	[0..1]	Text		915
	SaleItemRebate <SaleitmRbt>	[0..*]			915
	SaleItem <Saleitm>	[1..1]	±		916
	RebateLabel <RbtLabl>	[0..1]	Text		916
	StoredValueResponse <StordValRspn>	[0..1]			916
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		917
	POITransactionIdentification <POITxld>	[1..1]	±		918
	Result <Rslt>	[0..*]			918
	Provider <Prvdr>	[0..1]	Text		919
	TransactionType <TxTp>	[1..1]	CodeSet		919
	AccountIdentification <Acctld>	[0..1]			920
	AccountType <AcctTp>	[0..1]	CodeSet		920
	IdentificationType <IdTp>	[0..1]	CodeSet		921
	Identification <Id>	[0..1]	Text		921
	Brand <Brnd>	[0..1]	Text		922
	Provider <Prvdr>	[0..1]	Text		922
	OwnerName <OwnrNm>	[0..1]	Text		922
	ExpiryDate <XpryDt>	[0..1]	Text		922
	EntryMode <NtryMd>	[0..1]	CodeSet		922
	Currency <Ccy>	[0..1]	CodeSet	C1	923
	Balance <Bal>	[0..1]	Amount		923
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		923
	ProductCode <PdctCd>	[0..1]	Text		928
	EANUPC <EANUPC>	[0..1]	Text		928
	ItemAmount <ItmAmt>	[0..1]	Amount		928
	Currency <Ccy>	[0..1]	CodeSet	C1	928

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	HostTransactionIdentification <HstTxId>	[0..1]	±		928
	Receipt <Rct>	[0..*]	±		929
	BatchResponse <BtchRspn>	[0..1]			929
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		930
	POIBatchIdentification <POIBtchId>	[0..1]	±		931
	PerformedTransaction <PrfrmdTx>	[0..*]			931
	Response <Rspn>	[1..1]	±		932
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		933
	POITransactionIdentification <POITxId>	[0..1]	±		933
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		933
	PaymentResult <PmtRslt>	[0..1]	±		933
	LoyaltyResult <LtyRslt>	[0..*]			936
	Account <Acct>	[1..1]	±		937
	Amount <Amt>	[0..1]			938
	Unit <Unit>	[0..1]	CodeSet		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938
	ServerData <SvrData>	[0..1]			938
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		939
	ApprovalCode <ApprvlCd>	[0..1]	Text		939
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		939
	Rebates <Rbts>	[0..1]			939
	TotalRebate <TtlRbt>	[0..1]	Amount		940
	RebateLabel <RbtLbl>	[0..1]	Text		940
	SaleItemRebate <SaleitmRbt>	[0..*]			940
	SaleItem <Saleitm>	[1..1]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941
	ReversedAmount <RvsdAmt>	[0..1]	Amount		941
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			941
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		942

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POITransactionIdentification <POITxId>	[1..1]	±		942
	PaymentBrand <PmtBrnd>	[0..*]	Text		942
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C6	942
	LoyaltyAccount <LtyAcct>	[0..*]	±		943
	CustomerOrder <CstmrOrd>	[0..*]	±		943
	Response <Rspn>	[1..1]	±		944
	SupplementaryData <SplmtryData>	[0..*]	±	C5	944
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			945
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		947
	TransactionTotalsSet <TxTtlsSet>	[0..*]			947
	PaymentInstrumentType <PmtlnstrmTp>	[1..1]	CodeSet		949
	AcquirerIdentification <Acqrrld>	[0..1]	Text		949
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		949
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		949
	Brand <Brnd>	[0..1]	Text		949
	POIIdentification <POIId>	[0..1]	Text		949
	SaleIdentification <SaleId>	[0..1]	Text		950
	CashierIdentification <CshrlId>	[0..1]	Text		950
	ShiftNumber <ShftNb>	[0..1]	Text		950
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			950
	CommonName <CmonNm>	[1..1]	Text		950
	Address <Adr>	[0..1]	Text		950
	CountryCode <CtryCd>	[1..1]	CodeSet		950
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		951
	RegisteredIdentifier <RegldId>	[1..1]	Text		951
	TransactionTotal <TxTtl>	[1..1]			951
	POIGroupIdentification <POIGrpId>	[0..1]	Text		951
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		951
	Currency <Ccy>	[0..1]	CodeSet	C1	951
	Type <Tp>	[1..1]	CodeSet		952
	TotalNumber <TtlNb>	[1..1]	Quantity		952

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		952
	DetailedAmount <DtldAmt>	[0..1]	±		952
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			953
	POIGroupIdentification <POIGrpId>	[0..1]	Text		953
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		953
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		954
	Currency <Ccy>	[0..1]	CodeSet	C1	954
	TransactionType <TxTp>	[1..1]	CodeSet		954
	TotalNumber <TtlNb>	[1..1]	Quantity		954
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		955
	DetailedAmount <DtldAmt>	[0..1]	±		955
	Response <Rspn>	[1..1]	±		955
	SupplementaryData <SplmtryData>	[0..*]	±	C5	955
	SecurityTrailer <SctyTrlr>	[0..1]	±		956

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 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.

C7 ValidationByTable

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

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		845
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		847
	Exchangeldentification <Xchgld>	[1..1]	Quantity		847
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		847
	CreationDateTime <CreDtTm>	[1..1]	DateTime		847
	InitiatingParty <InitgPty>	[1..1]	±		847
	RecipientParty <RcptPty>	[0..1]	±		848
	Traceability <Tracblt>	[0..*]	±		848

26.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 1491

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 1522

26.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1516

26.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1521

26.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 1514

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 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

26.4.2 ReportResponse <RptRspn>

Presence: [1..1]

Definition: Information related to the response of a report request.

ReportResponse <RptRspn> contains the following **ReportResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		856
	Context <Cntxt>	[1..1]	±		862
	ServiceContent <SvcCntt>	[1..1]	CodeSet		865
	ReportTransactionResponse <RptTxRspn>	[0..1]			865
	ReportFullSize <RptFullSz>	[1..1]	Quantity		870
	BlockStart <BlckStart>	[1..1]	Quantity		870
	BlockStop <BlckStop>	[1..1]	Quantity		871
	TransactionReport <TxRpt>	[0..*]			871
	Environment <Envt>	[1..1]	±		876
	Context <Cntxt>	[1..1]	±		882
	ServiceContent <SvcCntt>	[1..1]	CodeSet		885
	PaymentResponse <PmtRspn>	[0..1]			885
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		886
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		887
	POITransactionIdentification <POITxId>	[1..1]	±		887
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		887
	IssuerReferenceData <IssrRefData>	[0..1]	Text		887
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		887
	PaymentReceipt <PmtRct>	[0..*]	±		890
	LoyaltyResult <LltyRslt>	[0..*]			891
	Account <Acct>	[1..1]	±		891
	Amount <Amt>	[0..1]			892
	Unit <Unit>	[0..1]	CodeSet		892
	Currency <Ccy>	[0..1]	CodeSet	C1	892
	Amount <Amt>	[1..1]	Amount		893
	ServerData <SvrData>	[0..1]			893
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		893
	ApprovalCode <ApprvlCd>	[0..1]	Text		893
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		893
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		894
	Rebates <Rbts>	[0..1]			894

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		894
	RebateLabel <RbtLbl>	[0..1]	Text		894
	SaleItemRebate <SaleitmRbt>	[0..*]			894
	SaleItem <Saleitm>	[1..1]	±		895
	RebateLabel <RbtLbl>	[0..1]	Text		895
	CustomerOrder <CstmrOrd>	[0..*]	±		895
	ReversalResponse <RvslRspn>	[0..1]			896
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		896
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		897
	POITransactionIdentification <POITxId>	[1..1]	±		897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		897
	IssuerReferenceData <IssrRefData>	[0..1]	Text		897
	ReversalTransactionResult <RvslTxRslt>	[1..1]			897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		898
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		898
	CustomerOrder <CstmrOrd>	[0..*]	±		903
	ReversedAmount <RvsdAmt>	[0..1]	Amount		903
	Receipt <Rct>	[0..*]	±		903
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			904
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		905
	POITransactionIdentification <POITxId>	[0..1]	±		905
	PaymentAccount <PmtAcct>	[0..1]			905
	Currency <Ccy>	[0..1]	CodeSet	C1	905
	CurrentBalance <CurBal>	[0..1]	Amount		906
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		906
	LoyaltyAccount <LltyAcct>	[0..1]	±		906
	StoredValueAccount <StordValAcct>	[0..*]			906
	AccountType <AcctTp>	[0..1]	CodeSet		907
	IdentificationType <IdTp>	[0..1]	CodeSet		908
	Identification <Id>	[0..1]	Text		908
	Brand <Brnd>	[0..1]	Text		908

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		908
	OwnerName <OwnrNm>	[0..1]	Text		908
	ExpiryDate <XpryDt>	[0..1]	Text		909
	EntryMode <NtryMd>	[0..1]	CodeSet		909
	Currency <Ccy>	[0..1]	CodeSet	C1	909
	Balance <Bal>	[0..1]	Amount		910
	Receipt <Rct>	[0..*]	±		910
	LoyaltyResponse <LtyRspn>	[0..1]			910
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		911
	POITransactionIdentification <POITxId>	[1..1]	±		911
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		912
	Result <Rslt>	[0..*]			912
	Account <Acct>	[1..1]	±		912
	Amount <Amt>	[0..1]			913
	Unit <Unit>	[0..1]	CodeSet		913
	Currency <Ccy>	[0..1]	CodeSet	C1	913
	Amount <Amt>	[1..1]	Amount		914
	ServerData <SvrData>	[0..1]			914
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		914
	ApprovalCode <AprvlCd>	[0..1]	Text		914
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		914
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		915
	Rebates <Rbts>	[0..1]			915
	TotalRebate <TtlRbt>	[0..1]	Amount		915
	RebateLabel <RbtLbl>	[0..1]	Text		915
	SaleItemRebate <SaleitmRbt>	[0..*]			915
	SaleItem <Saleitm>	[1..1]	±		916
	RebateLabel <RbtLbl>	[0..1]	Text		916
	StoredValueResponse <StordValRspn>	[0..1]			916
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		918

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..*]			918
	Provider <Prvdr>	[0..1]	Text		919
	TransactionType <TxTp>	[1..1]	CodeSet		919
	AccountIdentification <AcctId>	[0..1]			920
	AccountType <AcctTp>	[0..1]	CodeSet		920
	IdentificationType <IdTp>	[0..1]	CodeSet		921
	Identification <Id>	[0..1]	Text		921
	Brand <Brnd>	[0..1]	Text		922
	Provider <Prvdr>	[0..1]	Text		922
	OwnerName <OwnrNm>	[0..1]	Text		922
	ExpiryDate <XpryDt>	[0..1]	Text		922
	EntryMode <NtryMd>	[0..1]	CodeSet		922
	Currency <Ccy>	[0..1]	CodeSet	C1	923
	Balance <Bal>	[0..1]	Amount		923
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		923
	ProductCode <PdctCd>	[0..1]	Text		928
	EANUPC <EANUPC>	[0..1]	Text		928
	ItemAmount <ItmAmt>	[0..1]	Amount		928
	Currency <Ccy>	[0..1]	CodeSet	C1	928
	HostTransactionIdentification <HstTxId>	[0..1]	±		928
	Receipt <Rct>	[0..*]	±		929
	BatchResponse <BtchRspn>	[0..1]			929
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		930
	POIBatchIdentification <POIBtchId>	[0..1]	±		931
	PerformedTransaction <PrfrmdTx>	[0..*]			931
	Response <Rspn>	[1..1]	±		932
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		933
	POITransactionIdentification <POITxId>	[0..1]	±		933
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		933
	PaymentResult <PmtRslt>	[0..1]	±		933
	LoyaltyResult <LltyRslt>	[0..*]			936

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		937
	Amount <Amt>	[0..1]			938
	Unit <Unit>	[0..1]	CodeSet		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938
	ServerData <SvrData>	[0..1]			938
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		939
	ApprovalCode <ApprvlCd>	[0..1]	Text		939
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		939
	Rebates <Rbts>	[0..1]			939
	TotalRebate <TtlRbt>	[0..1]	Amount		940
	RebateLabel <RbtLbl>	[0..1]	Text		940
	SaleItemRebate <SaleitmRbt>	[0..*]			940
	SaleItem <Saleitm>	[1..1]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941
	ReversedAmount <RvsdAmt>	[0..1]	Amount		941
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			941
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		942
	POITransactionIdentification <POITxId>	[1..1]	±		942
	PaymentBrand <PmtBrnd>	[0..*]	Text		942
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C6	942
	LoyaltyAccount <LtyAcct>	[0..*]	±		943
	CustomerOrder <CstmrOrd>	[0..*]	±		943
	Response <Rspn>	[1..1]	±		944
	SupplementaryData <SplmtryData>	[0..*]	±	C5	944
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			945
	POIRecconciliationIdentification <POIRcncltnId>	[1..1]	Text		947
	TransactionTotalsSet <TxTtlsSet>	[0..*]			947
	PaymentInstrumentType <PmtlnstrmTp>	[1..1]	CodeSet		949
	AcquirerIdentification <Acqrrld>	[0..1]	Text		949

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		949
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		949
	Brand <Brnd>	[0..1]	Text		949
	POIIdentification <POIId>	[0..1]	Text		949
	SaleIdentification <SaleId>	[0..1]	Text		950
	CashierIdentification <CshrlId>	[0..1]	Text		950
	ShiftNumber <ShftNb>	[0..1]	Text		950
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			950
	CommonName <CmonNm>	[1..1]	Text		950
	Address <Adr>	[0..1]	Text		950
	CountryCode <CtryCd>	[1..1]	CodeSet		950
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		951
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		951
	TransactionTotal <TxTtl>	[1..1]			951
	POIGroupIdentification <POIGrpId>	[0..1]	Text		951
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		951
	Currency <Ccy>	[0..1]	CodeSet	C1	951
	Type <Tp>	[1..1]	CodeSet		952
	TotalNumber <TtlNb>	[1..1]	Quantity		952
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		952
	DetailedAmount <DtldAmt>	[0..1]	±		952
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			953
	POIGroupIdentification <POIGrpId>	[0..1]	Text		953
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		953
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		954
	Currency <Ccy>	[0..1]	CodeSet	C1	954
	TransactionType <TxTp>	[1..1]	CodeSet		954
	TotalNumber <TtlNb>	[1..1]	Quantity		954
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		955
	DetailedAmount <DtldAmt>	[0..1]	±		955
	Response <Rspn>	[1..1]	±		955

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C5	955

26.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Env> contains the following elements (see "CardPaymentEnvironment79" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

26.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService7Code" on page 1505

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 **ReportTransactionResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportFullSize <RptFullSz>	[1..1]	Quantity		870
	BlockStart <BlckStart>	[1..1]	Quantity		870
	BlockStop <BlckStop>	[1..1]	Quantity		871
	TransactionReport <TxRpt>	[0..*]			871
	Environment <Envt>	[1..1]	±		876
	Context <Cntxt>	[1..1]	±		882
	ServiceContent <SvcCntt>	[1..1]	CodeSet		885
	PaymentResponse <PmtRspn>	[0..1]			885
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		886
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		887
	POITransactionIdentification <POITxId>	[1..1]	±		887
	POIReconciliationIdentification <POIRcnclnId>	[0..1]	Text		887
	IssuerReferenceData <IssrRefData>	[0..1]	Text		887
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		887
	PaymentReceipt <PmtRct>	[0..*]	±		890
	LoyaltyResult <LltyRslt>	[0..*]			891
	Account <Acct>	[1..1]	±		891
	Amount <Amt>	[0..1]			892
	Unit <Unit>	[0..1]	CodeSet		892
	Currency <Ccy>	[0..1]	CodeSet	C1	892
	Amount <Amt>	[1..1]	Amount		893
	ServerData <SvrData>	[0..1]			893
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		893
	ApprovalCode <ApprvlCd>	[0..1]	Text		893
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		893
	HostReconciliationIdentification <HstRcnclnId>	[0..1]	Text		894
	Rebates <Rbts>	[0..1]			894
	TotalRebate <TtlRbt>	[0..1]	Amount		894
	RebateLabel <RbtLabl>	[0..1]	Text		894
	SaleItemRebate <SaleItmRbt>	[0..*]			894

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		895
	RebateLabel <RbtLbl>	[0..1]	Text		895
	CustomerOrder <CstmrOrd>	[0..*]	±		895
	ReversalResponse <RvslRspn>	[0..1]			896
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		896
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		897
	POITransactionIdentification <POITxId>	[1..1]	±		897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		897
	IssuerReferenceData <IssrRefData>	[0..1]	Text		897
	ReversalTransactionResult <RvslTxRslt>	[1..1]			897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		898
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		898
	CustomerOrder <CstmrOrd>	[0..*]	±		903
	ReversedAmount <RvsdAmt>	[0..1]	Amount		903
	Receipt <Rct>	[0..*]	±		903
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			904
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		905
	POITransactionIdentification <POITxId>	[0..1]	±		905
	PaymentAccount <PmtAcct>	[0..1]			905
	Currency <Ccy>	[0..1]	CodeSet	C1	905
	CurrentBalance <CurBal>	[0..1]	Amount		906
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		906
	LoyaltyAccount <LltyAcct>	[0..1]	±		906
	StoredValueAccount <StordValAcct>	[0..*]			906
	AccountType <AcctTp>	[0..1]	CodeSet		907
	IdentificationType <IdTp>	[0..1]	CodeSet		908
	Identification <Id>	[0..1]	Text		908
	Brand <Brnd>	[0..1]	Text		908
	Provider <Prvdr>	[0..1]	Text		908
	OwnerName <OwnrNm>	[0..1]	Text		908
	ExpiryDate <XpryDt>	[0..1]	Text		909

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		909
	Currency <Ccy>	[0..1]	CodeSet	C1	909
	Balance <Bal>	[0..1]	Amount		910
	Receipt <Rct>	[0..*]	±		910
	LoyaltyResponse <LtyRspn>	[0..1]			910
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		911
	POITransactionIdentification <POITxId>	[1..1]	±		911
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		912
	Result <RsIt>	[0..*]			912
	Account <Acct>	[1..1]	±		912
	Amount <Amt>	[0..1]			913
	Unit <Unit>	[0..1]	CodeSet		913
	Currency <Ccy>	[0..1]	CodeSet	C1	913
	Amount <Amt>	[1..1]	Amount		914
	ServerData <SvrData>	[0..1]			914
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		914
	ApprovalCode <ApprvlCd>	[0..1]	Text		914
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		914
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		915
	Rebates <Rbts>	[0..1]			915
	TotalRebate <TtlRbt>	[0..1]	Amount		915
	RebateLabel <RbtLbl>	[0..1]	Text		915
	SaleItemRebate <SaleItmRbt>	[0..*]			915
	SaleItem <SaleItm>	[1..1]	±		916
	RebateLabel <RbtLbl>	[0..1]	Text		916
	StoredValueResponse <StordValRspn>	[0..1]			916
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		918
	Result <RsIt>	[0..*]			918
	Provider <Prvdr>	[0..1]	Text		919
	TransactionType <TxTp>	[1..1]	CodeSet		919

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentification <AcctId>	[0..1]			920
	AccountType <AcctTp>	[0..1]	CodeSet		920
	IdentificationType <IdTp>	[0..1]	CodeSet		921
	Identification <Id>	[0..1]	Text		921
	Brand <Brnd>	[0..1]	Text		922
	Provider <Prvdr>	[0..1]	Text		922
	OwnerName <OwnrNm>	[0..1]	Text		922
	ExpiryDate <XpryDt>	[0..1]	Text		922
	EntryMode <NtryMd>	[0..1]	CodeSet		922
	Currency <Ccy>	[0..1]	CodeSet	C1	923
	Balance <Bal>	[0..1]	Amount		923
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		923
	ProductCode <PdctCd>	[0..1]	Text		928
	EANUPC <EANUPC>	[0..1]	Text		928
	ItemAmount <ItmAmt>	[0..1]	Amount		928
	Currency <Ccy>	[0..1]	CodeSet	C1	928
	HostTransactionIdentification <HstTxId>	[0..1]	±		928
	Receipt <Rct>	[0..*]	±		929
	BatchResponse <BtchRspn>	[0..1]			929
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		930
	POIBatchIdentification <POIBtchId>	[0..1]	±		931
	PerformedTransaction <PrfrmdTx>	[0..*]			931
	Response <Rspn>	[1..1]	±		932
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		933
	POITransactionIdentification <POITxId>	[0..1]	±		933
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		933
	PaymentResult <PmtRslt>	[0..1]	±		933
	LoyaltyResult <LltyRslt>	[0..*]			936
	Account <Acct>	[1..1]	±		937
	Amount <Amt>	[0..1]			938
	Unit <Unit>	[0..1]	CodeSet		938

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938
	ServerData <SvrData>	[0..1]			938
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		939
	ApprovalCode <ApprvlCd>	[0..1]	Text		939
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		939
	Rebates <Rbts>	[0..1]			939
	TotalRebate <TtlRbt>	[0..1]	Amount		940
	RebateLabel <RbtLbl>	[0..1]	Text		940
	SaleItemRebate <SaleitmRbt>	[0..*]			940
	SaleItem <Saleitm>	[1..1]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941
	ReversedAmount <RvsdAmt>	[0..1]	Amount		941
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			941
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		942
	POITransactionIdentification <POITxId>	[1..1]	±		942
	PaymentBrand <PmtBrnd>	[0..*]	Text		942
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C6	942
	LoyaltyAccount <LtyAcct>	[0..*]	±		943
	CustomerOrder <CstmrOrd>	[0..*]	±		943
	Response <Rspn>	[1..1]	±		944
	SupplementaryData <SplmtryData>	[0..*]	±	C5	944

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 1516

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 1516

26.4.2.4.3 BlockStop <BlckStop>

Presence: [1..1]

Definition: Index of the last transaction reported in this message.

Datatype: "PositiveNumber" on page 1516

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 **ServiceResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±		876
	Context <Cntxt>	[1..1]	±		882
	ServiceContent <SvcCntt>	[1..1]	CodeSet		885
	PaymentResponse <PmtRspn>	[0..1]			885
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		886
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		887
	POITransactionIdentification <POITxId>	[1..1]	±		887
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		887
	IssuerReferenceData <IssrRefData>	[0..1]	Text		887
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		887
	PaymentReceipt <PmtRct>	[0..*]	±		890
	LoyaltyResult <LtyRslt>	[0..*]			891
	Account <Acct>	[1..1]	±		891
	Amount <Amt>	[0..1]			892
	Unit <Unit>	[0..1]	CodeSet		892
	Currency <Ccy>	[0..1]	CodeSet	C1	892
	Amount <Amt>	[1..1]	Amount		893
	ServerData <SvrData>	[0..1]			893
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		893
	ApprovalCode <ApprvlCd>	[0..1]	Text		893
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		893
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		894
	Rebates <Rbts>	[0..1]			894
	TotalRebate <TtlRbt>	[0..1]	Amount		894
	RebateLabel <RbtLabl>	[0..1]	Text		894
	SaleItemRebate <SaleItmRbt>	[0..*]			894
	SaleItem <SaleItm>	[1..1]	±		895
	RebateLabel <RbtLabl>	[0..1]	Text		895
	CustomerOrder <CstmrOrd>	[0..*]	±		895
	ReversalResponse <RvslRspn>	[0..1]			896
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		896

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		897
	POITransactionIdentification <POITxId>	[1..1]	±		897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		897
	IssuerReferenceData <IssrRefData>	[0..1]	Text		897
	ReversalTransactionResult <RvsITxRslt>	[1..1]			897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		898
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		898
	CustomerOrder <CstmrOrd>	[0..*]	±		903
	ReversedAmount <RvsdAmt>	[0..1]	Amount		903
	Receipt <Rct>	[0..*]	±		903
	BalanceInquiryResponse <BalInqryRspn>	[0..1]			904
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		905
	POITransactionIdentification <POITxId>	[0..1]	±		905
	PaymentAccount <PmtAcct>	[0..1]			905
	Currency <Ccy>	[0..1]	CodeSet	C1	905
	CurrentBalance <CurBal>	[0..1]	Amount		906
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		906
	LoyaltyAccount <LtyAcct>	[0..1]	±		906
	StoredValueAccount <StordValAcct>	[0..*]			906
	AccountType <AcctTp>	[0..1]	CodeSet		907
	IdentificationType <IdTp>	[0..1]	CodeSet		908
	Identification <Id>	[0..1]	Text		908
	Brand <Brnd>	[0..1]	Text		908
	Provider <Prvdr>	[0..1]	Text		908
	OwnerName <OwnrNm>	[0..1]	Text		908
	ExpiryDate <XpryDt>	[0..1]	Text		909
	EntryMode <NtryMd>	[0..1]	CodeSet		909
	Currency <Ccy>	[0..1]	CodeSet	C1	909
	Balance <Bal>	[0..1]	Amount		910
	Receipt <Rct>	[0..*]	±		910
	LoyaltyResponse <LtyRspn>	[0..1]			910

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		911
	POITransactionIdentification <POITxId>	[1..1]	±		911
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		912
	Result <Rslt>	[0..*]			912
	Account <Acct>	[1..1]	±		912
	Amount <Amt>	[0..1]			913
	Unit <Unit>	[0..1]	CodeSet		913
	Currency <Ccy>	[0..1]	CodeSet	C1	913
	Amount <Amt>	[1..1]	Amount		914
	ServerData <SvrData>	[0..1]			914
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		914
	ApprovalCode <ApprvlCd>	[0..1]	Text		914
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		914
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		915
	Rebates <Rbts>	[0..1]			915
	TotalRebate <TtlRbt>	[0..1]	Amount		915
	RebateLabel <RbtLbl>	[0..1]	Text		915
	SaleItemRebate <SaleItmRbt>	[0..*]			915
	SaleItem <SaleItm>	[1..1]	±		916
	RebateLabel <RbtLbl>	[0..1]	Text		916
	StoredValueResponse <StordValRspn>	[0..1]			916
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		918
	Result <Rslt>	[0..*]			918
	Provider <Prvdr>	[0..1]	Text		919
	TransactionType <TxTp>	[1..1]	CodeSet		919
	AccountIdentification <AcctId>	[0..1]			920
	AccountType <AcctTp>	[0..1]	CodeSet		920
	IdentificationType <IdTp>	[0..1]	CodeSet		921
	Identification <Id>	[0..1]	Text		921
	Brand <Brnd>	[0..1]	Text		922

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		922
	OwnerName <OwnrNm>	[0..1]	Text		922
	ExpiryDate <XpryDt>	[0..1]	Text		922
	EntryMode <NtryMd>	[0..1]	CodeSet		922
	Currency <Ccy>	[0..1]	CodeSet	C1	923
	Balance <Bal>	[0..1]	Amount		923
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		923
	ProductCode <PdctCd>	[0..1]	Text		928
	EANUPC <EANUPC>	[0..1]	Text		928
	ItemAmount <ItmAmt>	[0..1]	Amount		928
	Currency <Ccy>	[0..1]	CodeSet	C1	928
	HostTransactionIdentification <HstTxId>	[0..1]	±		928
	Receipt <Rct>	[0..*]	±		929
	BatchResponse <BtchRspn>	[0..1]			929
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		930
	POIBatchIdentification <POIBtchId>	[0..1]	±		931
	PerformedTransaction <PrfrmdTx>	[0..*]			931
	Response <Rspn>	[1..1]	±		932
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		933
	POITransactionIdentification <POITxId>	[0..1]	±		933
	POIReconciliationIdentification <POIRcncldId>	[0..1]	Text		933
	PaymentResult <PmtRslt>	[0..1]	±		933
	LoyaltyResult <LtyRslt>	[0..*]			936
	Account <Acct>	[1..1]	±		937
	Amount <Amt>	[0..1]			938
	Unit <Unit>	[0..1]	CodeSet		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938
	ServerData <SvrData>	[0..1]			938
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		939
	ApprovalCode <ApprvlCd>	[0..1]	Text		939

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		939
	Rebates <Rbts>	[0..1]			939
	TotalRebate <TtlRbt>	[0..1]	Amount		940
	RebateLabel <RbtLbl>	[0..1]	Text		940
	SaleItemRebate <SaleitmRbt>	[0..*]			940
	SaleItem <Saleitm>	[1..1]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941
	ReversedAmount <RvsdAmt>	[0..1]	Amount		941
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			941
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		942
	POITransactionIdentification <POITxld>	[1..1]	±		942
	PaymentBrand <PmtBrnd>	[0..*]	Text		942
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C6	942
	LoyaltyAccount <LtyAcct>	[0..*]	±		943
	CustomerOrder <CstmrOrdr>	[0..*]	±		943
	Response <Rspn>	[1..1]	±		944
	SupplementaryData <SplmtryData>	[0..*]	±	C5	944

26.4.2.4.4.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrdhldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

26.4.2.4.4.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service response.

Datatype: "RetailerService3Code" on page 1505

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 **PaymentResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		886
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		887
	POITransactionIdentification <POITxId>	[1..1]	±		887
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		887
	IssuerReferenceData <IssrRefData>	[0..1]	Text		887
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		887
	PaymentReceipt <PmtRct>	[0..*]	±		890
	LoyaltyResult <LltyRslt>	[0..*]			891
	Account <Acct>	[1..1]	±		891
	Amount <Amt>	[0..1]			892
	Unit <Unit>	[0..1]	CodeSet		892
	Currency <Ccy>	[0..1]	CodeSet	C1	892
	Amount <Amt>	[1..1]	Amount		893
	ServerData <SvrData>	[0..1]			893
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		893
	ApprovalCode <ApprvlCd>	[0..1]	Text		893
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		893
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		894
	Rebates <Rbts>	[0..1]			894
	TotalRebate <TtlRbt>	[0..1]	Amount		894
	RebateLabel <RbtLabl>	[0..1]	Text		894
	SaleItemRebate <SaleitmRbt>	[0..*]			894
	SaleItem <Saleitm>	[1..1]	±		895
	RebateLabel <RbtLabl>	[0..1]	Text		895
	CustomerOrder <CstmrOrd>	[0..*]	±		895

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

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
"RetailerPaymentResult5" on page 1222 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1225
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1226
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1227
	RequestedTransaction <ReqdTxx>	[0..1]	±		1227
	TransactionResponse <TxRspn>	[0..1]			1232
	AuthorisationResult <AuthstnRslt>	[1..1]			1235
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1235
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1236
	Response <Rspn>	[1..1]	CodeSet		1236
	ResponseReason <RspnRsn>	[0..1]	Text		1236
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1237
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1237
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1237
	TMSTrigger <TMSTrggr>	[0..1]			1237
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1237
	TMSIdentification <TMSId>	[0..1]	Text		1238
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1238
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1238
	Method <Mtd>	[1..1]	CodeSet		1238
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1239
	Result <Rslt>	[0..1]	CodeSet		1239
	AdditionalResult <AddtlRslt>	[0..1]	Text		1240
	AllowedProductCode <AllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1240
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1240
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1241
	ProductCode <PdctCd>	[1..1]	Text		1241

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AmountLimit <AmtLmt>	[0..1]	Amount		1241
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1242
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1242
	Balance <Bal>	[0..1]	±		1243
	ProtectedBalance <PrtctdBal>	[0..1]	±		1244
	Action <Actn>	[0..*]			1244
	ActionType <ActnTp>	[1..1]	CodeSet		1244
	MessageToPresent <MsgToPres>	[0..1]	±		1245
	RemoteAccess <RmotAccs>	[0..1]	±		1246
	Retry <Rtry>	[0..1]	±		1247
	TimeCondition <TmCond>	[0..1]	±		1247
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1247
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1249
	TargetCurrency <TrgtCcy>	[1..1]			1249
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1249
	NumericCode <NmrcCd>	[1..1]	Text		1249
	Decimal <Dcml>	[1..1]	Quantity		1249
	Name <Nm>	[0..1]	Text		1250
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1250
	ExchangeRate <XchgRate>	[1..1]	Rate		1250
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1250
	QuotationDate <QtnDt>	[0..1]	DateTime		1250
	ValidFrom <VldFr>	[0..1]	DateTime		1250
	ValidUntil <VldUntil>	[0..1]	DateTime		1250
	SourceCurrency <SrcCcy>	[1..1]			1250
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1251
	NumericCode <NmrcCd>	[0..1]	Text		1251
	Decimal <Dcml>	[0..1]	Quantity		1251
	Name <Nm>	[0..1]	Text		1251
	ApplicableBinRange <AplblBinRg>	[0..*]			1251

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1252
	HigherBin <HghrBin>	[1..1]	Text		1252
	OriginalAmount <OrgnlAmt>	[0..1]			1252
	ActualAmount <ActlAmt>	[0..1]	Amount		1252
	MinimumAmount <MinAmt>	[0..1]	Amount		1252
	MaximumAmount <MaxAmt>	[0..1]	Amount		1252
	CommissionDetails <ComssnDtls>	[0..*]			1253
	Amount <Amt>	[1..1]	Amount		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	MarkUpDetails <MrkUpDtls>	[0..*]			1253
	Rate <Rate>	[1..1]	Rate		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1253
	CustomerOrder <CstmrOrdr>	[0..*]	±		1254
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1255
	ImageFormat <ImgFrmt>	[1..1]	Text		1255
	ImageData <ImgData>	[0..1]	Binary		1255
	ImageReference <ImgRef>	[0..1]	Text		1256
	AdditionalInformation <AddtlInf>	[0..1]	Text		1256
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		1256
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		1256
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C3	1256
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1256

26.4.2.4.4.4.7 PaymentReceipt <PmtRct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following elements (see "PaymentReceipt5" on page 1262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1262
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1263
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1263
	OutputContent <OutptCntt>	[1..1]	±		1263

26.4.2.4.4.4.8 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]	±		891
	Amount <Amt>	[0..1]			892
	Unit <Unit>	[0..1]	CodeSet		892
	Currency <Ccy>	[0..1]	CodeSet	C1	892
	Amount <Amt>	[1..1]	Amount		893
	ServerData <SvrData>	[0..1]			893
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		893
	ApprovalCode <ApprvlCd>	[0..1]	Text		893
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		893
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		894
	Rebates <Rbts>	[0..1]			894
	TotalRebate <TtlRbt>	[0..1]	Amount		894
	RebateLabel <RbtLbl>	[0..1]	Text		894
	SaleItemRebate <SaleItmRbt>	[0..*]			894
	SaleItem <SaleItm>	[1..1]	±		895
	RebateLabel <RbtLbl>	[0..1]	Text		895

26.4.2.4.4.4.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1361
	EntryMode <NtryMd>	[0..1]	CodeSet		1361
	IdentificationType <IdTp>	[0..1]	CodeSet		1362
	Brand <Brnd>	[0..1]	Text		1362
	Provider <Prvdr>	[0..1]	Text		1363
	OwnerName <OwnrNm>	[0..1]	Text		1363
	Unit <Unit>	[0..1]	CodeSet		1363
	Currency <Ccy>	[0..1]	CodeSet	C1	1363
	Balance <Bal>	[0..1]	Amount		1363

26.4.2.4.4.8.2 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		892
	Currency <Ccy>	[0..1]	CodeSet	C1	892
	Amount <Amt>	[1..1]	Amount		893

26.4.2.4.4.8.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "[AmountUnit1Code](#)" on page 1469

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.4.4.8.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "[ActiveCurrency](#)"

Datatype: "[ActiveCurrencyCode](#)" on page 1461

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.

26.4.2.4.4.8.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

26.4.2.4.4.8.3 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		893
	ApprovalCode <ApprvICd>	[0..1]	Text		893
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		893
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		894

26.4.2.4.4.8.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 1520

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 1524

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

26.4.2.4.4.4.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 1520

26.4.2.4.4.4.8.4 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		894
	RebateLabel <RbtLabl>	[0..1]	Text		894
	SaleItemRebate <SaleItmRbt>	[0..*]			894
	SaleItem <SaleItm>	[1..1]	±		895
	RebateLabel <RbtLabl>	[0..1]	Text		895

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 1457

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 1520

26.4.2.4.4.4.8.4.3 SaleItemRebate <SaleItmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleItemRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		895
	RebateLabel <RbtLbl>	[0..1]	Text		895

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 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

26.4.2.4.4.4.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1520

26.4.2.4.4.4.9 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 1366 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1366
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1366
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1367
	StartDate <StartDt>	[1..1]	DateTime		1367
	EndDate <EndDt>	[0..1]	DateTime		1367
	Unit <Unit>	[0..1]	CodeSet		1367
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1367
	CurrentAmount <CurAmt>	[0..1]	Amount		1367
	Currency <Ccy>	[0..1]	CodeSet	C1	1367
	AccessedBy <AccsdBy>	[0..1]	Text		1368
	AdditionalInformation <AddtlInf>	[0..1]	Text		1368

26.4.2.4.4.5 ReversalResponse <RvslRspn>

Presence: [0..1]

Definition: Response Data to a Reversal request.

ReversalResponse <RvslRspn> contains the following **ReversalResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		896
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		897
	POITransactionIdentification <POITxId>	[1..1]	±		897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		897
	IssuerReferenceData <IssrRefData>	[0..1]	Text		897
	ReversalTransactionResult <RvslTxRslt>	[1..1]			897
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		898
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		898
	CustomerOrder <CstmrOrd>	[0..*]	±		903
	ReversedAmount <RvsdAmt>	[0..1]	Amount		903
	Receipt <Rct>	[0..*]	±		903

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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 1519

26.4.2.4.4.5.6 ReversalTransactionResult <RvsITxRsIt>

Presence: [1..1]

Definition: Result of reversal transaction.

ReversalTransactionResult <RvsITxRsIt> contains the following **RetailerReversalResult5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		898
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]	±		898
	CustomerOrder <CstmrOrd>	[0..*]	±		903

26.4.2.4.4.5.6.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: POI reconciliation identification.

Datatype: "Max35Text" on page 1520

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
"CardPaymentTransaction127" on page 1161 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1166
	TransactionType <TxTp>	[1..1]	CodeSet		1166
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1167
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1167
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1168
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1168
	TransactionIdentification <TxId>	[1..1]	±		1168
	OriginalTransaction <OrgnITx>	[0..1]			1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1170
	TransactionIdentification <TxId>	[1..1]	±		1170
	POIdentification <POId>	[1..1]	±		1170
	CurrencyConversion <CcyConvs>	[0..1]			1170
	Result <Rslt>	[1..1]	CodeSet		1173
	ResultReason <RsltRsn>	[0..1]	Text		1173
	ConversionDetails <ConvsDtls>	[0..*]			1173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <AplblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1179
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1180
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1180
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1180
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1180
	TransactionDetails <TxDtls>	[1..1]			1181
	Currency <Ccy>	[0..1]	CodeSet	C1	1183
	TotalAmount <TtlAmt>	[1..1]	Amount		1184
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1184
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1184
	DetailedAmount <DtldAmt>	[0..1]	±		1184
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1185
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1185
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1185
	ValidityDate <VldtyDt>	[0..1]	Date		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1185
	UnattendedLevelCategory <UatnnddLvlCtgy>	[0..1]	Text		1186
	AccountType <AcctTp>	[0..1]	CodeSet		1186
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1187
	AcceptedByCardholder <AcctdByCrdhldr>	[0..1]	Indicator		1189
	Conversion <Convs>	[0..1]			1189
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <AplblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1195
	Instalment <Instlmt>	[0..*]	±		1196
	AggregationTransaction <AggtTx>	[0..1]	±		1197
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1198
	SaleItem <SaleItm>	[0..*]	±		1198
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1199
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1199
	AdditionalInformation <AddtlInf>	[0..*]			1199
	Identification <Id>	[1..1]	Text		1200
	Value <Val>	[0..1]	Binary		1200
	ProtectedValue <PrctcdVal>	[0..1]	±		1200
	Type <Tp>	[0..1]	Text		1200
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1200
	AuthorisationResult <AuthstnRslt>	[0..1]			1201
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1201
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1201
	Response <Rspn>	[1..1]	CodeSet		1202
	ResponseReason <RspnRsn>	[0..1]	Text		1202
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1202
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1202
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1202
	CustomerOrder <CstmrOrdr>	[0..1]	±		1202
	CustomerToken <CstmrTkn>	[0..1]	±		1203
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1204
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1204
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1204
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1204
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1204
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1204

26.4.2.4.4.5.6.3 CustomerOrder <CstmrOrd>

Presence: [0..*]

Definition: Updated Customer order list after reversal.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 1366 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1366
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1366
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1367
	StartDate <StartDt>	[1..1]	DateTime		1367
	EndDate <EndDt>	[0..1]	DateTime		1367
	Unit <Unit>	[0..1]	CodeSet		1367
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1367
	CurrentAmount <CurAmt>	[0..1]	Amount		1367
	Currency <Ccy>	[0..1]	CodeSet	C1	1367
	AccessedBy <AccsdBy>	[0..1]	Text		1368
	AdditionalInformation <AddtlInf>	[0..1]	Text		1368

26.4.2.4.4.5.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount that have been reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 "PaymentReceipt5" on page 1262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1262
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1263
	RequiredSignatureFlag <ReqrdSgntFlg>	[0..1]	Indicator		1263
	OutputContent <OutptCntt>	[1..1]	±		1263

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 **BalanceInquiryResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		905
	POITransactionIdentification <POITxld>	[0..1]	±		905
	PaymentAccount <PmtAcct>	[0..1]			905
	Currency <Ccy>	[0..1]	CodeSet	C1	905
	CurrentBalance <CurBal>	[0..1]	Amount		906
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		906
	LoyaltyAccount <LtyAcct>	[0..1]	±		906
	StoredValueAccount <StordValAcct>	[0..*]			906
	AccountType <AcctTp>	[0..1]	CodeSet		907
	IdentificationType <IdTp>	[0..1]	CodeSet		908
	Identification <Id>	[0..1]	Text		908
	Brand <Brnd>	[0..1]	Text		908
	Provider <Prvdr>	[0..1]	Text		908
	OwnerName <OwnrNm>	[0..1]	Text		908
	ExpiryDate <XpryDt>	[0..1]	Text		909
	EntryMode <NtryMd>	[0..1]	CodeSet		909
	Currency <Ccy>	[0..1]	CodeSet	C1	909
	Balance <Bal>	[0..1]	Amount		910
	Receipt <Rct>	[0..*]	±		910

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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	905
	CurrentBalance <CurBal>	[0..1]	Amount		906
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		906

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 1461

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 1457

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 957 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		957
	ParametersVersion <ParamsVrsn>	[0..1]	Text		957

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 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		1361
	EntryMode <NtryMd>	[0..1]	CodeSet		1361
	IdentificationType <IdTp>	[0..1]	CodeSet		1362
	Brand <Brnd>	[0..1]	Text		1362
	Provider <Prvdr>	[0..1]	Text		1363
	OwnerName <OwnrNm>	[0..1]	Text		1363
	Unit <Unit>	[0..1]	CodeSet		1363
	Currency <Ccy>	[0..1]	CodeSet	C1	1363
	Balance <Bal>	[0..1]	Amount		1363

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		907
	IdentificationType <IdTp>	[0..1]	CodeSet		908
	Identification <Id>	[0..1]	Text		908
	Brand <Brnd>	[0..1]	Text		908
	Provider <Prvdr>	[0..1]	Text		908
	OwnerName <OwnrNm>	[0..1]	Text		908
	ExpiryDate <XpryDt>	[0..1]	Text		909
	EntryMode <NtryMd>	[0..1]	CodeSet		909
	Currency <Ccy>	[0..1]	CodeSet	C1	909
	Balance <Bal>	[0..1]	Amount		910

26.4.2.4.4.6.5.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1507

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 1477

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 1520

26.4.2.4.4.6.5.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1520

26.4.2.4.4.6.5.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 1520

26.4.2.4.4.6.5.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1521

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 1518

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 1476

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 1461

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 1457

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 "PaymentReceipt5" on page 1262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1262
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1263
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1263
	OutputContent <OutptCntt>	[1..1]	±		1263

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]	±		911
	POITransactionIdentification <POITxId>	[1..1]	±		911
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		912
	Result <Rslt>	[0..*]			912
	Account <Acct>	[1..1]	±		912
	Amount <Amt>	[0..1]			913
	Unit <Unit>	[0..1]	CodeSet		913
	Currency <Ccy>	[0..1]	CodeSet	C1	913
	Amount <Amt>	[1..1]	Amount		914
	ServerData <SvrData>	[0..1]			914
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		914
	ApprovalCode <ApprvlCd>	[0..1]	Text		914
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		914
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		915
	Rebates <Rbts>	[0..1]			915
	TotalRebate <TtlRbt>	[0..1]	Amount		915
	RebateLabel <RbtLabl>	[0..1]	Text		915
	SaleItemRebate <SaleitmRbt>	[0..*]			915
	SaleItem <Saleitm>	[1..1]	±		916
	RebateLabel <RbtLabl>	[0..1]	Text		916

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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]	±		912
	Amount <Amt>	[0..1]			913
	Unit <Unit>	[0..1]	CodeSet		913
	Currency <Ccy>	[0..1]	CodeSet	C1	913
	Amount <Amt>	[1..1]	Amount		914
	ServerData <SvrData>	[0..1]			914
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		914
	ApprovalCode <ApprvICd>	[0..1]	Text		914
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		914
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		915
	Rebates <Rbts>	[0..1]			915
	TotalRebate <TtlRbt>	[0..1]	Amount		915
	RebateLabel <RbtLabl>	[0..1]	Text		915
	SaleItemRebate <SaleItmRbt>	[0..*]			915
	SaleItem <SaleItm>	[1..1]	±		916
	RebateLabel <RbtLabl>	[0..1]	Text		916

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 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1361
	EntryMode <NtryMd>	[0..1]	CodeSet		1361
	IdentificationType <IdTp>	[0..1]	CodeSet		1362
	Brand <Brnd>	[0..1]	Text		1362
	Provider <Prvdr>	[0..1]	Text		1363
	OwnerName <OwnrNm>	[0..1]	Text		1363
	Unit <Unit>	[0..1]	CodeSet		1363
	Currency <Ccy>	[0..1]	CodeSet	C1	1363
	Balance <Bal>	[0..1]	Amount		1363

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		913
	Currency <Ccy>	[0..1]	CodeSet	C1	913
	Amount <Amt>	[1..1]	Amount		914

26.4.2.4.4.7.4.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 1469

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 1461

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 1457

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		914
	ApprovalCode <ApprvlCd>	[0..1]	Text		914
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		914
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		915

26.4.2.4.4.7.4.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 1520

26.4.2.4.4.7.4.3.2 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 1524

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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		915
	RebateLabel <RbtLabl>	[0..1]	Text		915
	SaleItemRebate <SaleItmRbt>	[0..*]			915
	SaleItem <SaleItm>	[1..1]	±		916
	RebateLabel <RbtLabl>	[0..1]	Text		916

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 1457

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 1520

26.4.2.4.4.7.4.4.3 SaleItemRebate <SaleItmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleItemRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		916
	RebateLabel <RbtLbl>	[0..1]	Text		916

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 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

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 1520

26.4.2.4.4.8 StoredValueResponse <StordValRspn>

Presence: [0..1]

Definition: Response data to a Stored Value request.

StoredValueResponse <StordValRspn> contains the following **StoredValueResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		917
	POITransactionIdentification <POITxId>	[1..1]	±		918
	Result <RsIt>	[0..*]			918
	Provider <Prvdr>	[0..1]	Text		919
	TransactionType <TxTp>	[1..1]	CodeSet		919
	AccountIdentification <AcctId>	[0..1]			920
	AccountType <AcctTp>	[0..1]	CodeSet		920
	IdentificationType <IdTp>	[0..1]	CodeSet		921
	Identification <Id>	[0..1]	Text		921
	Brand <Brnd>	[0..1]	Text		922
	Provider <Prvdr>	[0..1]	Text		922
	OwnerName <OwnrNm>	[0..1]	Text		922
	ExpiryDate <XpryDt>	[0..1]	Text		922
	EntryMode <NtryMd>	[0..1]	CodeSet		922
	Currency <Ccy>	[0..1]	CodeSet	C1	923
	Balance <Bal>	[0..1]	Amount		923
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		923
	ProductCode <PdctCd>	[0..1]	Text		928
	EANUPC <EANUPC>	[0..1]	Text		928
	ItemAmount <ItmAmt>	[0..1]	Amount		928
	Currency <Ccy>	[0..1]	CodeSet	C1	928
	HostTransactionIdentification <HstTxId>	[0..1]	±		928
	Receipt <Rct>	[0..*]	±		929

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 **StoredValueData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		919
	TransactionType <TxTp>	[1..1]	CodeSet		919
	AccountIdentification <AcctId>	[0..1]			920
	AccountType <AcctTp>	[0..1]	CodeSet		920
	IdentificationType <IdTp>	[0..1]	CodeSet		921
	Identification <Id>	[0..1]	Text		921
	Brand <Brnd>	[0..1]	Text		922
	Provider <Prvdr>	[0..1]	Text		922
	OwnerName <OwnrNm>	[0..1]	Text		922
	ExpiryDate <XpryDt>	[0..1]	Text		922
	EntryMode <NtryMd>	[0..1]	CodeSet		922
	Currency <Ccy>	[0..1]	CodeSet	C1	923
	Balance <Bal>	[0..1]	Amount		923
	OriginalPOITransaction <OrgnlPOITx>	[0..1]	±		923
	ProductCode <PdctCd>	[0..1]	Text		928
	EANUPC <EANUPC>	[0..1]	Text		928
	ItemAmount <ItmAmt>	[0..1]	Amount		928
	Currency <Ccy>	[0..1]	CodeSet	C1	928
	HostTransactionIdentification <HstTxId>	[0..1]	±		928

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 1520

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: "StoredValueTransactionType2Code" on page 1507

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.

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		920
	IdentificationType <IdTp>	[0..1]	CodeSet		921
	Identification <Id>	[0..1]	Text		921
	Brand <Brnd>	[0..1]	Text		922
	Provider <Prvdr>	[0..1]	Text		922
	OwnerName <OwnrNm>	[0..1]	Text		922
	ExpiryDate <XpryDt>	[0..1]	Text		922
	EntryMode <NtryMd>	[0..1]	CodeSet		922
	Currency <Ccy>	[0..1]	CodeSet	C1	923
	Balance <Bal>	[0..1]	Amount		923

26.4.2.4.4.8.3.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1507

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.

CodeName	Name	Definition
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 1477

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 1520

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 1520

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 1520

26.4.2.4.4.8.3.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1521

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 1518

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 1476

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.

CodeName	Name	Definition
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

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 1461

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 1457

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
"CardPaymentTransaction127" on page 1161 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1166
	TransactionType <TxTp>	[1..1]	CodeSet		1166
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1167
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1167
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1168
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1168
	TransactionIdentification <TxId>	[1..1]	±		1168
	OriginalTransaction <OrgnlTx>	[0..1]			1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1170
	TransactionIdentification <TxId>	[1..1]	±		1170
	POIIdentification <POIId>	[1..1]	±		1170
	CurrencyConversion <CcyConvs>	[0..1]			1170
	Result <Rslt>	[1..1]	CodeSet		1173
	ResultReason <RsltRsn>	[0..1]	Text		1173
	ConversionDetails <ConvsDtls>	[0..*]			1173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <AplblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1179
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1180
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1180
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1180
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1180
	TransactionDetails <TxDtls>	[1..1]			1181
	Currency <Ccy>	[0..1]	CodeSet	C1	1183
	TotalAmount <TtlAmt>	[1..1]	Amount		1184
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1184
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1184
	DetailedAmount <DtldAmt>	[0..1]	±		1184
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1185
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1185
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1185
	ValidityDate <VldtyDt>	[0..1]	Date		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1185
	UnattendedLevelCategory <UatnnddLvCtgy>	[0..1]	Text		1186
	AccountType <AcctTp>	[0..1]	CodeSet		1186
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1187
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1189
	Conversion <Convs>	[0..1]			1189
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <AplblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1195
	Instalment <Instlmt>	[0..*]	±		1196
	AggregationTransaction <AggtTx>	[0..1]	±		1197
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1198
	SaleItem <SaleItm>	[0..*]	±		1198
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1199
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1199
	AdditionalInformation <AddtlInf>	[0..*]			1199
	Identification <Id>	[1..1]	Text		1200
	Value <Val>	[0..1]	Binary		1200
	ProtectedValue <PrctcdVal>	[0..1]	±		1200
	Type <Tp>	[0..1]	Text		1200
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1200
	AuthorisationResult <AuthstnRslt>	[0..1]			1201
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1201
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1201
	Response <Rspn>	[1..1]	CodeSet		1202
	ResponseReason <RspnRsn>	[0..1]	Text		1202
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1202
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1202
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1202
	CustomerOrder <CstmrOrdr>	[0..1]	±		1202
	CustomerToken <CstmrTkn>	[0..1]	±		1203
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1204
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1204
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1204
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1204
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1204
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1204

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 1520

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 1520

26.4.2.4.4.8.3.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 1461

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

26.4.2.4.4.8.4 Receipt <Rct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

Receipt <Rct> contains the following elements (see "PaymentReceipt5" on page 1262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1262
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1263
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1263
	OutputContent <OutptCntt>	[1..1]	±		1263

26.4.2.4.4.9 BatchResponse <BtchRspn>

Presence: [0..1]

Definition: Content of the Batch Response message.

BatchResponse <BtchRspn> contains the following **BatchResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		930
	POIBatchIdentification <POIBtchId>	[0..1]	±		931
	PerformedTransaction <PrfrmdTx>	[0..*]			931
	Response <Rspn>	[1..1]	±		932
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		933
	POITransactionIdentification <POITxId>	[0..1]	±		933
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		933
	PaymentResult <PmtRslt>	[0..1]	±		933
	LoyaltyResult <LtyRslt>	[0..*]			936
	Account <Acct>	[1..1]	±		937
	Amount <Amt>	[0..1]			938
	Unit <Unit>	[0..1]	CodeSet		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938
	ServerData <SvrData>	[0..1]			938
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		939
	ApprovalCode <ApprvlCd>	[0..1]	Text		939
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		939
	Rebates <Rbts>	[0..1]			939
	TotalRebate <TtlRbt>	[0..1]	Amount		940
	RebateLabel <RbtLabl>	[0..1]	Text		940
	SaleItemRebate <SaleItmRbt>	[0..*]			940
	SaleItem <SaleItm>	[1..1]	±		940
	RebateLabel <RbtLabl>	[0..1]	Text		941
	ReversedAmount <RvsdAmt>	[0..1]	Amount		941

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

26.4.2.4.4.9.3 PerformedTransaction <PrfrmdTx>

Presence: [0..*]

Definition: Performed transaction content.

PerformedTransaction <PrfrmdTx> contains the following **PerformedTransaction5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		932
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		933
	POITransactionIdentification <POITxId>	[0..1]	±		933
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		933
	PaymentResult <PmtRslt>	[0..1]	±		933
	LoyaltyResult <LltyRslt>	[0..*]			936
	Account <Acct>	[1..1]	±		937
	Amount <Amt>	[0..1]			938
	Unit <Unit>	[0..1]	CodeSet		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938
	ServerData <SvrData>	[0..1]			938
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		939
	ApprovalCode <ApprvlCd>	[0..1]	Text		939
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		939
	Rebates <Rbts>	[0..1]			939
	TotalRebate <TtlRbt>	[0..1]	Amount		940
	RebateLabel <RbtLbl>	[0..1]	Text		940
	SaleItemRebate <SaleitmRbt>	[0..*]			940
	SaleItem <Saleitm>	[1..1]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941
	ReversedAmount <RvsdAmt>	[0..1]	Amount		941

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 1363](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1364
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1364
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1365

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 1385](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1385](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

26.4.2.4.4.9.3.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Identification of the POI reconciliation period.

Datatype: ["Max35Text" on page 1520](#)

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 "RetailerPaymentResult5" on page 1222 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1225
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1226
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1227
	RequestedTransaction <ReqdTxx>	[0..1]	±		1227
	TransactionResponse <TxRspn>	[0..1]			1232
	AuthorisationResult <AuthstnRslt>	[1..1]			1235
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1235
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1236
	Response <Rspn>	[1..1]	CodeSet		1236
	ResponseReason <RspnRsn>	[0..1]	Text		1236
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1237
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1237
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1237
	TMSTrigger <TMSTrggr>	[0..1]			1237
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1237
	TMSIdentification <TMSId>	[0..1]	Text		1238
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1238
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1238
	Method <Mtd>	[1..1]	CodeSet		1238
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1239
	Result <Rslt>	[0..1]	CodeSet		1239
	AdditionalResult <AddtlRslt>	[0..1]	Text		1240
	AllowedProductCode <AllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1240
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1240
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1241
	ProductCode <PdctCd>	[1..1]	Text		1241

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AmountLimit <AmtLmt>	[0..1]	Amount		1241
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1242
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1242
	Balance <Bal>	[0..1]	±		1243
	ProtectedBalance <PrtctdBal>	[0..1]	±		1244
	Action <Actn>	[0..*]			1244
	ActionType <ActnTp>	[1..1]	CodeSet		1244
	MessageToPresent <MsgToPres>	[0..1]	±		1245
	RemoteAccess <RmotAccs>	[0..1]	±		1246
	Retry <Rtry>	[0..1]	±		1247
	TimeCondition <TmCond>	[0..1]	±		1247
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1247
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1249
	TargetCurrency <TrgtCcy>	[1..1]			1249
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1249
	NumericCode <NmrcCd>	[1..1]	Text		1249
	Decimal <Dcml>	[1..1]	Quantity		1249
	Name <Nm>	[0..1]	Text		1250
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1250
	ExchangeRate <XchgRate>	[1..1]	Rate		1250
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1250
	QuotationDate <QtnDt>	[0..1]	DateTime		1250
	ValidFrom <VldFr>	[0..1]	DateTime		1250
	ValidUntil <VldUntil>	[0..1]	DateTime		1250
	SourceCurrency <SrcCcy>	[1..1]			1250
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1251
	NumericCode <NmrcCd>	[0..1]	Text		1251
	Decimal <Dcml>	[0..1]	Quantity		1251
	Name <Nm>	[0..1]	Text		1251
	ApplicableBinRange <AplblBinRg>	[0..*]			1251

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1252
	HigherBin <HghrBin>	[1..1]	Text		1252
	OriginalAmount <OrgnlAmt>	[0..1]			1252
	ActualAmount <ActlAmt>	[0..1]	Amount		1252
	MinimumAmount <MinAmt>	[0..1]	Amount		1252
	MaximumAmount <MaxAmt>	[0..1]	Amount		1252
	CommissionDetails <ComssnDtls>	[0..*]			1253
	Amount <Amt>	[1..1]	Amount		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	MarkUpDetails <MrkUpDtls>	[0..*]			1253
	Rate <Rate>	[1..1]	Rate		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1253
	CustomerOrder <CstmrOrdr>	[0..*]	±		1254
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1255
	ImageFormat <ImgFrmt>	[1..1]	Text		1255
	ImageData <ImgData>	[0..1]	Binary		1255
	ImageReference <ImgRef>	[0..1]	Text		1256
	AdditionalInformation <AddtlInf>	[0..1]	Text		1256
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		1256
	MerchantOverrideFlag <MrchntOvrrdFlg>	[0..1]	Indicator		1256
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C3	1256
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1256

26.4.2.4.4.9.3.6 LoyaltyResult <LityRslt>

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]	±		937
	Amount <Amt>	[0..1]			938
	Unit <Unit>	[0..1]	CodeSet		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938
	ServerData <SvrData>	[0..1]			938
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		939
	ApprovalCode <ApprvlCd>	[0..1]	Text		939
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		939
	Rebates <Rbts>	[0..1]			939
	TotalRebate <TtlRbt>	[0..1]	Amount		940
	RebateLabel <RbtLbl>	[0..1]	Text		940
	SaleItemRebate <SaleItmRbt>	[0..*]			940
	SaleItem <SaleItm>	[1..1]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941

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 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1361
	EntryMode <NtryMd>	[0..1]	CodeSet		1361
	IdentificationType <IdTp>	[0..1]	CodeSet		1362
	Brand <Brnd>	[0..1]	Text		1362
	Provider <Prvdr>	[0..1]	Text		1363
	OwnerName <OwnrNm>	[0..1]	Text		1363
	Unit <Unit>	[0..1]	CodeSet		1363
	Currency <Ccy>	[0..1]	CodeSet	C1	1363
	Balance <Bal>	[0..1]	Amount		1363

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		938
	Currency <Ccy>	[0..1]	CodeSet	C1	938
	Amount <Amt>	[1..1]	Amount		938

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 1469

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 1461

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 1457

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		939
	ApprovalCode <ApprvICd>	[0..1]	Text		939
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		939
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		939

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 1520

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 1524

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1520

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		940
	RebateLabel <RbtLbl>	[0..1]	Text		940
	SaleItemRebate <SaleitmRbt>	[0..*]			940
	SaleItem <Saleitm>	[1..1]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941

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 1457

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 1520

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]	±		940
	RebateLabel <RbtLbl>	[0..1]	Text		941

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 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

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 1520

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 1457

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]	±		942
	POITransactionIdentification <POITxId>	[1..1]	±		942
	PaymentBrand <PmtBrnd>	[0..*]	Text		942
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C6	942
	LoyaltyAccount <LtyAcct>	[0..*]	±		943
	CustomerOrder <CstmrOrd>	[0..*]	±		943

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

26.4.2.4.4.10.3 PaymentBrand <PmtBrnd>

Presence: [0..*]

Definition: Type of payment card.

Datatype: ["Max35Text"](#) on page 1520

26.4.2.4.4.10.4 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: [C6 "ValidationByTable"](#)

Datatype: "LanguageCode" on page 1489

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.4.2.4.4.10.5 LoyaltyAccount <LltyAcct>

Presence: [0..*]

Definition: Loyalty account information.

LoyaltyAccount <LltyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		1361
	EntryMode <NtryMd>	[0..1]	CodeSet		1361
	IdentificationType <IdTp>	[0..1]	CodeSet		1362
	Brand <Brnd>	[0..1]	Text		1362
	Provider <Prvdr>	[0..1]	Text		1363
	OwnerName <OwnrNm>	[0..1]	Text		1363
	Unit <Unit>	[0..1]	CodeSet		1363
	Currency <Ccy>	[0..1]	CodeSet	C1	1363
	Balance <Bal>	[0..1]	Amount		1363

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 1366 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1366
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1366
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1367
	StartDate <StartDt>	[1..1]	DateTime		1367
	EndDate <EndDt>	[0..1]	DateTime		1367
	Unit <Unit>	[0..1]	CodeSet		1367
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1367
	CurrentAmount <CurAmt>	[0..1]	Amount		1367
	Currency <Ccy>	[0..1]	CodeSet	C1	1367
	AccessedBy <AccsdBy>	[0..1]	Text		1368
	AdditionalInformation <AddtlInf>	[0..1]	Text		1368

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 1363 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1364
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1364
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1365

26.4.2.4.4.12 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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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		947
	TransactionTotalsSet <TxTtlsSet>	[0..*]			947
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		949
	AcquirerIdentification <Acqrrld>	[0..1]	Text		949
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		949
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		949
	Brand <Brnd>	[0..1]	Text		949
	POIIdentification <POIId>	[0..1]	Text		949
	SaleIdentification <SaleId>	[0..1]	Text		950
	CashierIdentification <CshrlId>	[0..1]	Text		950
	ShiftNumber <ShftNb>	[0..1]	Text		950
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			950
	CommonName <CmonNm>	[1..1]	Text		950
	Address <Adr>	[0..1]	Text		950
	CountryCode <CtryCd>	[1..1]	CodeSet		950
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		951
	RegisteredIdentifier <Regldr>	[1..1]	Text		951
	TransactionTotal <TxTtl>	[1..1]			951
	POIGroupIdentification <POIGrpId>	[0..1]	Text		951
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		951
	Currency <Ccy>	[0..1]	CodeSet	C1	951
	Type <Tp>	[1..1]	CodeSet		952
	TotalNumber <TtlNb>	[1..1]	Quantity		952
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		952
	DetailedAmount <DtldAmt>	[0..1]	±		952
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			953
	POIGroupIdentification <POIGrpId>	[0..1]	Text		953
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		953
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		954
	Currency <Ccy>	[0..1]	CodeSet	C1	954

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		954
	TotalNumber <TtlNb>	[1..1]	Quantity		954
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		955
	DetailedAmount <DtldAmt>	[0..1]	±		955

26.4.2.5.1 POIRconciliationIdentification <POIRcncldId>

Presence: [1..1]

Definition: Identification of the reconciliation period between Sale and POI.

Datatype: "Max35Text" on page 1520

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 <PmtInstmTp>	[1..1]	CodeSet		949
	AcquirerIdentification <Acqrrld>	[0..1]	Text		949
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		949
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		949
	Brand <Brnd>	[0..1]	Text		949
	POIIdentification <POIld>	[0..1]	Text		949
	SaleIdentification <Saleld>	[0..1]	Text		950
	CashierIdentification <Cshrlld>	[0..1]	Text		950
	ShiftNumber <ShftNb>	[0..1]	Text		950
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			950
	CommonName <CmonNm>	[1..1]	Text		950
	Address <Adr>	[0..1]	Text		950
	CountryCode <CtryCd>	[1..1]	CodeSet		950
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		951
	RegisteredIdentifier <Regldr>	[1..1]	Text		951
	TransactionTotal <TxTtl>	[1..1]			951
	POIGroupIdentification <POIGrpld>	[0..1]	Text		951
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		951
	Currency <Ccy>	[0..1]	CodeSet	C1	951
	Type <Tp>	[1..1]	CodeSet		952
	TotalNumber <TtlNb>	[1..1]	Quantity		952
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		952
	DetailedAmount <DtlAmt>	[0..1]	±		952
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			953
	POIGroupIdentification <POIGrpld>	[0..1]	Text		953
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		953
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		954
	Currency <Ccy>	[0..1]	CodeSet	C1	954
	TransactionType <TxTp>	[1..1]	CodeSet		954
	TotalNumber <TtlNb>	[1..1]	Quantity		954
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		955

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		955

26.4.2.5.2.1 PaymentInstrumentType <PmtInstrmTp>

Presence: [1..1]

Definition: Type of payment instrument.

Datatype: "PaymentInstrumentType1Code" on page 1498

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 1520

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 1520

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 1520

26.4.2.5.2.5 Brand <Brnd>

Presence: [0..1]

Definition: Brand of payment card or loyalty system.

Datatype: "Max35Text" on page 1520

26.4.2.5.2.6 POIIdentification <POIld>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 1520

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 1520

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 1520

26.4.2.5.2.9 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 1520

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		950
	Address <Adr>	[0..1]	Text		950
	CountryCode <CtryCd>	[1..1]	CodeSet		950
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		951
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		951

26.4.2.5.2.10.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 1522

26.4.2.5.2.10.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 1519

26.4.2.5.2.10.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1488

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 1523

26.4.2.5.2.10.5 RegisteredIdentifier <RegldIdr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1520

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 <POIGrpld>	[0..1]	Text		951
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		951
	Currency <Ccy>	[0..1]	CodeSet	C1	951
	Type <Tp>	[1..1]	CodeSet		952
	TotalNumber <TtlNb>	[1..1]	Quantity		952
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		952
	DetailedAmount <DtldAmt>	[0..1]	±		952

26.4.2.5.2.11.1 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 1520

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 1520

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 1461

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 1511

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 <TtINb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1516

26.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

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		953
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		953
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		954
	Currency <Ccy>	[0..1]	CodeSet	C1	954
	TransactionType <TxTp>	[1..1]	CodeSet		954
	TotalNumber <TtlNb>	[1..1]	Quantity		954
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		955
	DetailedAmount <DtldAmt>	[0..1]	±		955

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 1520

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 1469

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 1520

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 1461

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 1490

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 1516

26.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

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 1363 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1364
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1364
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1365

26.4.2.7 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 1221 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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 "[ContentInformationType36](#)" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

27 Message Items Types

27.1 MessageComponents

27.1.1 Acquirer

27.1.1.1 Acquirer10

Definition: Acquirer involved in the card payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		957
	ParametersVersion <ParamsVrsn>	[0..1]	Text		957

27.1.1.1.1 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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

27.1.1.1.2 ParametersVersion <ParamsVrsn>

Presence: [0..1]

Definition: Version of the payment acquirer parameters of the POI.

Datatype: "Max256Text" on page 1519

27.1.1.2 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		958
	KeyVersion <KeyVrsn>	[1..1]	Text		958
	SequenceNumber <SeqNb>	[0..1]	Quantity		958
	DerivationIdentification <DerivtnId>	[0..1]	Binary		958

27.1.1.2.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 1519

27.1.1.2.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 1519

27.1.1.2.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 1516

27.1.1.2.4 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 1459

27.1.2 Address

27.1.2.1 CommunicationAddress9

Definition: Communication information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		959
	Email <Email>	[0..1]	Text		959
	URLAddress <URLAdr>	[0..1]	Text		959
	Phone <Phne>	[0..1]	Text		960
	CustomerService <CstmrSvc>	[0..1]	Text		960
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		960

27.1.2.1.1 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Postal address of the entity.

PostalAddress <PstlAdr> contains the following elements (see "[PostalAddress22](#)" on page 1391 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1392
	Department <Dept>	[0..1]	Text		1392
	SubDepartment <SubDept>	[0..1]	Text		1392
	AddressLine <AdrLine>	[0..2]	Text		1392
	StreetName <StrtNm>	[0..1]	Text		1393
	BuildingNumber <BldgNb>	[0..1]	Text		1393
	PostCode <PstCd>	[0..1]	Text		1393
	TownName <TwnNm>	[0..1]	Text		1393
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1393
	CountryCode <CtryCd>	[0..1]	Text		1393

27.1.2.1.2 Email <Email>

Presence: [0..1]

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

Datatype: "[Max256Text](#)" on page 1519

27.1.2.1.3 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 1519

27.1.2.1.4 Phone <Phne>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 1524

27.1.2.1.5 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

Datatype: "PhoneNumber" on page 1524

27.1.2.1.6 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 1519

27.1.3 Amount

27.1.3.1 AmountAndDirection93

Definition: Signed amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		960
	Currency <Ccy>	[1..1]	CodeSet	C1	960
	Sign <Sgn>	[0..1]	Indicator		961

27.1.3.1.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.3.1.2 Currency <Ccy>

Presence: [1..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.3.1.3 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 1516):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

27.1.3.2 InstalmentAmountDetails1

Definition: Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		961
	OtherType <OthrTp>	[0..1]	Text		961
	SubType <SubTp>	[0..1]	Text		962
	Amount <Amt>	[0..1]	±		962
	Percentage <Pctg>	[0..1]	Rate		962

27.1.3.2.1 Type <Tp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "[InstalmentAmountDetailsType1Code](#)" on page 1487

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.

27.1.3.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 1520

27.1.3.2.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: "Max35Text" on page 1520

27.1.3.2.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see "Amount5" on page 962 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		962
	Sign <Sgn>	[0..1]	Indicator		962

27.1.3.2.5 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 1517

27.1.3.3 Amount5

Definition: Signed amount in a given numeric currency

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		962
	Sign <Sgn>	[0..1]	Indicator		962

27.1.3.3.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.3.3.2 Sign <Sgn>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1516):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

27.1.3.4 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		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

27.1.3.4.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

Presence: [0..1]

Definition: Amount of purchase goods and services without tax.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.3.4.2 CashBack <CshBck>

Presence: [0..1]

Definition: Cash-back amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.3.4.3 Gratuity <Grtty>

Presence: [0..1]

Definition: Gratuity amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.3.4.4 Fees <Fees>

Presence: [0..*]

Definition: Fees amount.

Fees <Fees> contains the following elements (see "DetailedAmount4" on page 964 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		964
	Label <Labl>	[0..1]	Text		965

27.1.3.4.5 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 964 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		964
	Label <Labl>	[0..1]	Text		965

27.1.3.4.6 ValueAddedTax <ValAddedTax>

Presence: [0..*]

Definition: Value added tax amount.

ValueAddedTax <ValAddedTax> contains the following elements (see "[DetailedAmount4](#)" on page 964 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		964
	Label <Labl>	[0..1]	Text		965

27.1.3.4.7 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 964 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		964
	Label <Labl>	[0..1]	Text		965

27.1.3.5 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		964
	Label <Labl>	[0..1]	Text		965

27.1.3.5.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.3.5.2 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1519

27.1.4 Card

27.1.4.1 PlainCardData15

Definition: Sensible data associated with the payment card performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		965
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		965
	EffectiveDate <FctvDt>	[0..1]	Text		965
	ExpiryDate <XpryDt>	[1..1]	Text		966
	ServiceCode <SvcCd>	[0..1]	Text		966
	Track1 <Trck1>	[0..1]	Text		966
	Track2 <Trck2>	[0..1]	Text		966
	Track3 <Trck3>	[0..1]	Text		966
	CardholderName <CrdhldrNm>	[0..1]	Text		966

27.1.4.1.1 PAN <PAN>

Presence: [1..1]

Definition: Primary Account Number (PAN) of the card, or surrogate of the PAN by a payment token.

Datatype: "Min8Max28NumericText" on page 1524

27.1.4.1.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a card or a payment token inside a set of cards with the same PAN or token.

Datatype: "Min2Max3NumericText" on page 1523

27.1.4.1.3 EffectiveDate <FctvDt>

Presence: [0..1]

Definition: Date from which the card can be used, expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

Datatype: "Max10Text" on page 1518

27.1.4.1.4 ExpiryDate <XpryDt>

Presence: [1..1]

Definition: Expiry date of the card or the payment token expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

Datatype: "Max10Text" on page 1518

27.1.4.1.5 ServiceCode <SvcCd>

Presence: [0..1]

Definition: Services attached to the card, as defined in ISO 7813.

Datatype: "Exact3NumericText" on page 1517

27.1.4.1.6 Track1 <Trck1>

Presence: [0..1]

Definition: ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max76Text" on page 1522

27.1.4.1.7 Track2 <Trck2>

Presence: [0..1]

Definition: ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max37Text" on page 1521

27.1.4.1.8 Track3 <Trck3>

Presence: [0..1]

Definition: ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max104Text" on page 1518

27.1.4.1.9 CardholderName <CrhdldrNm>

Presence: [0..1]

Definition: Name of the cardholder stored on the card.

Datatype: "Max45Text" on page 1521

27.1.5 Card Transaction

27.1.5.1 GracePeriod1

Definition: Grace period applicable to an instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		967
	UnitType <UnitTp>	[1..1]	CodeSet		967
	OtherUnitType <OthrUnitTp>	[0..1]	Text		967

27.1.5.1.1 Time <Tm>

Presence: [1..1]

Definition: Grace period time relative to the grace period unit type.

Datatype: "Max3NumericText" on page 1521

27.1.5.1.2 UnitType <UnitTp>

Presence: [1..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 1486

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.

27.1.5.1.3 OtherUnitType <OthrUnitTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 1520

27.1.5.2 CardPaymentDataSetTransaction45

Definition: Card payment transaction including an authorisation response.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		972
	Traceability <Tracblt>	[0..*]	±		972
	Environment <Envvt>	[1..1]	±		973
	Transaction <Tx>	[1..1]			979
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		982
	TransactionIdentification <TxId>	[1..1]	±		982
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		982
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		982
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		982
	InterchangeData <IntrchnngData>	[0..1]	Text		982
	TransactionDetails <TxDtls>	[1..1]			983
	Currency <Ccy>	[0..1]	CodeSet	C1	985
	TotalAmount <TtlAmt>	[1..1]	Amount		986
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		986
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		986
	DetailedAmount <DtldAmt>	[0..1]	±		986
	RequestedAmount <ReqdAmt>	[0..1]	Amount		987
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		987
	InvoiceAmount <InvcAmt>	[0..1]	Amount		987
	ValidityDate <VldtyDt>	[0..1]	Date		987
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		987
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		988
	AccountType <AcctTp>	[0..1]	CodeSet		988
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			989
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		991
	Conversion <Convs>	[0..1]			991
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		993
	TargetCurrency <TrgtCcy>	[1..1]			993
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	993
	NumericCode <NmrcCd>	[1..1]	Text		993
	Decimal <Dcml>	[1..1]	Quantity		993

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		993
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		994
	ExchangeRate <XchgRate>	[1..1]	Rate		994
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		994
	QuotationDate <QtnDt>	[0..1]	DateTime		994
	ValidFrom <VldFr>	[0..1]	DateTime		994
	ValidUntil <VldUntil>	[0..1]	DateTime		994
	SourceCurrency <SrcCcy>	[1..1]			994
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	995
	NumericCode <NmrcCd>	[0..1]	Text		995
	Decimal <Dcml>	[0..1]	Quantity		995
	Name <Nm>	[0..1]	Text		995
	ApplicableBinRange <ApplBinRg>	[0..*]			995
	LowerBin <LwrBin>	[1..1]	Text		996
	HigherBin <HghrBin>	[1..1]	Text		996
	OriginalAmount <OrgnlAmt>	[0..1]			996
	ActualAmount <ActlAmt>	[0..1]	Amount		996
	MinimumAmount <MinAmt>	[0..1]	Amount		996
	MaximumAmount <MaxAmt>	[0..1]	Amount		996
	CommissionDetails <ComssnDtls>	[0..*]			997
	Amount <Amt>	[1..1]	Amount		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	MarkUpDetails <MrkUpDtls>	[0..*]			997
	Rate <Rate>	[1..1]	Rate		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	DeclarationDetails <Dclrtndtls>	[0..*]	±		997
	Instalment <Instlmt>	[0..*]	±		998
	AggregationTransaction <AggtnTx>	[0..1]	±		999
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1000
	SaleItem <SaleItm>	[0..*]	±		1000
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1001

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1001
	AdditionalInformation <AddtlInf>	[0..*]			1001
	Identification <Id>	[1..1]	Text		1002
	Value <Val>	[0..1]	Binary		1002
	ProtectedValue <PrctdVal>	[0..1]	±		1002
	Type <Tp>	[0..1]	Text		1002
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1002
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1003
	TransactionResponse <TxRspn>	[1..1]			1003
	AuthorisationResult <AuthstnRslt>	[1..1]			1006
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1006
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1007
	Response <Rspn>	[1..1]	CodeSet		1007
	ResponseReason <RspnRsn>	[0..1]	Text		1007
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1008
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1008
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1008
	TMSTrigger <TMSTrggr>	[0..1]			1008
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1008
	TMSIdentification <TMSId>	[0..1]	Text		1009
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1009
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1009
	Method <Mtd>	[1..1]	CodeSet		1009
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1010
	Result <Rslt>	[0..1]	CodeSet		1010
	AdditionalResult <AddtlRslt>	[0..1]	Text		1011
	AllowedProductCode <AllwdPdctCd>	[0..*]			1011
	ProductCode <PdctCd>	[1..1]	Text		1011
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1011
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1011
	ProductCode <PdctCd>	[1..1]	Text		1012

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1012
	ProductCode <PdctCd>	[1..1]	Text		1012
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012
	AmountLimit <AmtLmt>	[0..1]	Amount		1012
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1013
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1013
	Balance <Bal>	[0..1]	±		1014
	ProtectedBalance <PrctdBal>	[0..1]	±		1015
	Action <Actn>	[0..*]			1015
	ActionType <ActnTp>	[1..1]	CodeSet		1015
	MessageToPresent <MsgToPres>	[0..1]	±		1016
	RemoteAccess <RmotAccs>	[0..1]	±		1017
	Retry <Rtry>	[0..1]	±		1018
	TimeCondition <TmCond>	[0..1]	±		1018
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1020
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1021
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1021
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidFrom <VldFr>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1022
	NumericCode <NmrcCd>	[0..1]	Text		1022

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	ApplicableBinRange <ApblBinRg>	[0..*]			1022
	LowerBin <LwrBin>	[1..1]	Text		1023
	HigherBin <HghrBin>	[1..1]	Text		1023
	OriginalAmount <OrgnlAmt>	[0..1]			1023
	ActualAmount <ActlAmt>	[0..1]	Amount		1023
	MinimumAmount <MinAmt>	[0..1]	Amount		1023
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1024
	Amount <Amt>	[1..1]	Amount		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024
	MarkUpDetails <MrkUpDtls>	[0..*]			1024
	Rate <Rate>	[1..1]	Rate		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1024

27.1.5.2.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

27.1.5.2.2 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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmln>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

27.1.5.2.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the card payment transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <Sc/SctyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

27.1.5.2.4 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction authorisation result.

Transaction <Tx> contains the following **CardPaymentTransaction129** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		982
	TransactionIdentification <TxId>	[1..1]	±		982
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		982
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		982
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		982
	InterchangeData <IntrchgData>	[0..1]	Text		982
	TransactionDetails <TxDtls>	[1..1]			983
	Currency <Ccy>	[0..1]	CodeSet	C1	985
	TotalAmount <TtlAmt>	[1..1]	Amount		986
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		986
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		986
	DetailedAmount <DtldAmt>	[0..1]	±		986
	RequestedAmount <ReqdAmt>	[0..1]	Amount		987
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		987
	InvoiceAmount <InvcAmt>	[0..1]	Amount		987
	ValidityDate <VldtyDt>	[0..1]	Date		987
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		987
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		988
	AccountType <AcctTp>	[0..1]	CodeSet		988
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			989
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		991
	Conversion <Convs>	[0..1]			991
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		993
	TargetCurrency <TrgtCcy>	[1..1]			993
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	993
	NumericCode <NmrcCd>	[1..1]	Text		993
	Decimal <Dcml>	[1..1]	Quantity		993
	Name <Nm>	[0..1]	Text		993
	ResultingAmount <RsltAmt>	[0..1]	Amount		994
	ExchangeRate <XchgRate>	[1..1]	Rate		994
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		994

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		994
	ValidFrom <VldFr>	[0..1]	DateTime		994
	ValidUntil <VldUntil>	[0..1]	DateTime		994
	SourceCurrency <SrcCcy>	[1..1]			994
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	995
	NumericCode <NmrcCd>	[0..1]	Text		995
	Decimal <Dcml>	[0..1]	Quantity		995
	Name <Nm>	[0..1]	Text		995
	ApplicableBinRange <ApblBinRg>	[0..*]			995
	LowerBin <LwrBin>	[1..1]	Text		996
	HigherBin <HghrBin>	[1..1]	Text		996
	OriginalAmount <OrgnlAmt>	[0..1]			996
	ActualAmount <ActlAmt>	[0..1]	Amount		996
	MinimumAmount <MinAmt>	[0..1]	Amount		996
	MaximumAmount <MaxAmt>	[0..1]	Amount		996
	CommissionDetails <ComssnDtls>	[0..*]			997
	Amount <Amt>	[1..1]	Amount		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	MarkUpDetails <MrkUpDtls>	[0..*]			997
	Rate <Rate>	[1..1]	Rate		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	DeclarationDetails <DclrtnDtls>	[0..*]	±		997
	Instalment <Instlmt>	[0..*]	±		998
	AggregationTransaction <AggtnTx>	[0..1]	±		999
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1000
	SaleItem <Saleitm>	[0..*]	±		1000
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1001
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1001
	AdditionalInformation <AddtlInf>	[0..*]			1001
	Identification <Id>	[1..1]	Text		1002
	Value <Val>	[0..1]	Binary		1002

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrtctdVal>	[0..1]	±		1002
	Type <Tp>	[0..1]	Text		1002
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1002
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1003

27.1.5.2.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.2.4.2 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.5.2.4.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.2.4.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1519

27.1.5.2.4.5 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 1520

27.1.5.2.4.6 InterchangeData <IntrchnData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

27.1.5.2.4.7 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	985
	TotalAmount <TtlAmt>	[1..1]	Amount		986
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		986
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		986
	DetailedAmount <DtldAmt>	[0..1]	±		986
	RequestedAmount <ReqdAmt>	[0..1]	Amount		987
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		987
	InvoiceAmount <InvcAmt>	[0..1]	Amount		987
	ValidityDate <VldtyDt>	[0..1]	Date		987
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		987
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		988
	AccountType <AcctTp>	[0..1]	CodeSet		988
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			989
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		991
	Conversion <Convs>	[0..1]			991
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		993
	TargetCurrency <TrgtCcy>	[1..1]			993
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	993
	NumericCode <NmrcCd>	[1..1]	Text		993
	Decimal <Dcml>	[1..1]	Quantity		993
	Name <Nm>	[0..1]	Text		993
	ResultingAmount <RsltgAmt>	[0..1]	Amount		994
	ExchangeRate <XchgRate>	[1..1]	Rate		994
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		994
	QuotationDate <QtnDt>	[0..1]	DateTime		994
	ValidFrom <VldFr>	[0..1]	DateTime		994
	ValidUntil <VldUntil>	[0..1]	DateTime		994
	SourceCurrency <SrcCcy>	[1..1]			994
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	995
	NumericCode <NmrcCd>	[0..1]	Text		995
	Decimal <Dcml>	[0..1]	Quantity		995

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		995
	ApplicableBinRange <ApblBinRg>	[0..*]			995
	LowerBin <LwrBin>	[1..1]	Text		996
	HigherBin <HghrBin>	[1..1]	Text		996
	OriginalAmount <OrgnlAmt>	[0..1]			996
	ActualAmount <ActlAmt>	[0..1]	Amount		996
	MinimumAmount <MinAmt>	[0..1]	Amount		996
	MaximumAmount <MaxAmt>	[0..1]	Amount		996
	CommissionDetails <ComssnDtls>	[0..*]			997
	Amount <Amt>	[1..1]	Amount		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	MarkUpDetails <MrkUpDtls>	[0..*]			997
	Rate <Rate>	[1..1]	Rate		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	DeclarationDetails <DclrtDtls>	[0..*]	±		997
	Instalment <Instlmt>	[0..*]	±		998
	AggregationTransaction <AggtnTx>	[0..1]	±		999
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1000
	SaleItem <Saleitm>	[0..*]	±		1000
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1001
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1001
	AdditionalInformation <AddtlInf>	[0..*]			1001
	Identification <Id>	[1..1]	Text		1002
	Value <Val>	[0..1]	Binary		1002
	ProtectedValue <PrctcdVal>	[0..1]	±		1002
	Type <Tp>	[0..1]	Text		1002
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1002

27.1.5.2.4.7.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.2.4.7.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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.

27.1.5.2.4.7.5 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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

27.1.5.2.4.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

27.1.5.2.4.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

27.1.5.2.4.7.11 UnattendedLevelCategory <UatnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

27.1.5.2.4.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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.

27.1.5.2.4.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		991
	Conversion <Convs>	[0..1]			991
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		993
	TargetCurrency <TrgtCcy>	[1..1]			993
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	993
	NumericCode <NmrcCd>	[1..1]	Text		993
	Decimal <Dcml>	[1..1]	Quantity		993
	Name <Nm>	[0..1]	Text		993
	ResultingAmount <RsltAmt>	[0..1]	Amount		994
	ExchangeRate <XchgRate>	[1..1]	Rate		994
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		994
	QuotationDate <QtnDt>	[0..1]	DateTime		994
	ValidFrom <VldFr>	[0..1]	DateTime		994
	ValidUntil <VldUntil>	[0..1]	DateTime		994
	SourceCurrency <SrcCcy>	[1..1]			994
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	995
	NumericCode <NmrcCd>	[0..1]	Text		995
	Decimal <Dcml>	[0..1]	Quantity		995
	Name <Nm>	[0..1]	Text		995
	ApplicableBinRange <AplblBinRg>	[0..*]			995
	LowerBin <LwrBin>	[1..1]	Text		996
	HigherBin <HghrBin>	[1..1]	Text		996
	OriginalAmount <OrgnlAmt>	[0..1]			996
	ActualAmount <ActlAmt>	[0..1]	Amount		996
	MinimumAmount <MinAmt>	[0..1]	Amount		996
	MaximumAmount <MaxAmt>	[0..1]	Amount		996
	CommissionDetails <ComssnDtls>	[0..*]			997
	Amount <Amt>	[1..1]	Amount		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	MarkUpDetails <MrkUpDtls>	[0..*]			997

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	DeclarationDetails <DclrtnDtls>	[0..*]	±		997

27.1.5.2.4.7.13.1 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 1516):

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

27.1.5.2.4.7.13.2 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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		993
	TargetCurrency <TrgtCcy>	[1..1]			993
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	993
	NumericCode <NmrcCd>	[1..1]	Text		993
	Decimal <Dcml>	[1..1]	Quantity		993
	Name <Nm>	[0..1]	Text		993
	ResultingAmount <RsltAmt>	[0..1]	Amount		994
	ExchangeRate <XchgRate>	[1..1]	Rate		994
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		994
	QuotationDate <QtnDt>	[0..1]	DateTime		994
	ValidFrom <VldFr>	[0..1]	DateTime		994
	ValidUntil <VldUntil>	[0..1]	DateTime		994
	SourceCurrency <SrcCcy>	[1..1]			994
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	995
	NumericCode <NmrcCd>	[0..1]	Text		995
	Decimal <Dcml>	[0..1]	Quantity		995
	Name <Nm>	[0..1]	Text		995
	ApplicableBinRange <ApplBinRg>	[0..*]			995
	LowerBin <LwrBin>	[1..1]	Text		996
	HigherBin <HghrBin>	[1..1]	Text		996
	OriginalAmount <OrgnlAmt>	[0..1]			996
	ActualAmount <ActlAmt>	[0..1]	Amount		996
	MinimumAmount <MinAmt>	[0..1]	Amount		996
	MaximumAmount <MaxAmt>	[0..1]	Amount		996
	CommissionDetails <ComssnDtls>	[0..*]			997
	Amount <Amt>	[1..1]	Amount		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	MarkUpDetails <MrkUpDtls>	[0..*]			997
	Rate <Rate>	[1..1]	Rate		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997
	DeclarationDetails <DclrtDtls>	[0..*]	±		997

27.1.5.2.4.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.2.4.7.13.2.2 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	993
	NumericCode <NmrcCd>	[1..1]	Text		993
	Decimal <Dcml>	[1..1]	Quantity		993
	Name <Nm>	[0..1]	Text		993

27.1.5.2.4.7.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.2.4.7.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.2.4.7.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

27.1.5.2.4.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.2.4.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.13.2.4 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 1517

27.1.5.2.4.7.13.2.5 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 1517

27.1.5.2.4.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

27.1.5.2.4.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

27.1.5.2.4.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

27.1.5.2.4.7.13.2.9 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	995
	NumericCode <NmrcCd>	[0..1]	Text		995
	Decimal <Dcml>	[0..1]	Quantity		995
	Name <Nm>	[0..1]	Text		995

27.1.5.2.4.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.2.4.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.2.4.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

27.1.5.2.4.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.2.4.7.13.2.10 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		996
	HigherBin <HghrBin>	[1..1]	Text		996

27.1.5.2.4.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.2.4.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.2.4.7.13.2.11 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		996
	MinimumAmount <MinAmt>	[0..1]	Amount		996
	MaximumAmount <MaxAmt>	[0..1]	Amount		996

27.1.5.2.4.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.13.2.12 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		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997

27.1.5.2.4.7.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.4.7.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

27.1.5.2.4.7.13.2.13 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		997
	AdditionalInformation <AddtlInf>	[0..1]	Text		997

27.1.5.2.4.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

27.1.5.2.4.7.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

27.1.5.2.4.7.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.5.2.4.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

27.1.5.2.4.7.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

27.1.5.2.4.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

27.1.5.2.4.7.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

27.1.5.2.4.7.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.2.4.7.19 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 1516

27.1.5.2.4.7.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1002
	Value <Val>	[0..1]	Binary		1002
	ProtectedValue <PrctcdVal>	[0..1]	±		1002
	Type <Tp>	[0..1]	Text		1002

27.1.5.2.4.7.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

27.1.5.2.4.7.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

27.1.5.2.4.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

27.1.5.2.4.7.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

27.1.5.2.4.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

27.1.5.2.4.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1522

27.1.5.2.5 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the authorisation request from the acquirer.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction128** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRsIt>	[1..1]			1006
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1006
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1007
	Response <Rspn>	[1..1]	CodeSet		1007
	ResponseReason <RspnRsn>	[0..1]	Text		1007
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1008
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1008
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1008
	TMSTrigger <TMSTrggr>	[0..1]			1008
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1008
	TMSIdentification <TMSId>	[0..1]	Text		1009
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1009
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1009
	Method <Mtd>	[1..1]	CodeSet		1009
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1010
	Result <RsIt>	[0..1]	CodeSet		1010
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1011
	AllowedProductCode <AllwdPdctCd>	[0..*]			1011
	ProductCode <PdctCd>	[1..1]	Text		1011
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1011
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1011
	ProductCode <PdctCd>	[1..1]	Text		1012
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012
	AdditionalAvailableProduct <AddtlAvblPdct>	[0..*]			1012
	ProductCode <PdctCd>	[1..1]	Text		1012
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012
	AmountLimit <AmtLmt>	[0..1]	Amount		1012
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1013
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1013
	Balance <Bal>	[0..1]	±		1014
	ProtectedBalance <PrctdBal>	[0..1]	±		1015

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..*]			1015
	ActionType <ActnTp>	[1..1]	CodeSet		1015
	MessageToPresent <MsgToPres>	[0..1]	±		1016
	RemoteAccess <RmotAccs>	[0..1]	±		1017
	Retry <Rtry>	[0..1]	±		1018
	TimeCondition <TmCond>	[0..1]	±		1018
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1020
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1021
	ResultingAmount <RsltAmt>	[0..1]	Amount		1021
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidFrom <VldFr>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1022
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	ApplicableBinRange <AplblBinRg>	[0..*]			1022
	LowerBin <LwrBin>	[1..1]	Text		1023
	HigherBin <HghrBin>	[1..1]	Text		1023
	OriginalAmount <OrgnlAmt>	[0..1]			1023
	ActualAmount <ActlAmt>	[0..1]	Amount		1023
	MinimumAmount <MinAmt>	[0..1]	Amount		1023
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1024
	Amount <Amt>	[1..1]	Amount		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024
	MarkUpDetails <MrkUpDtls>	[0..*]			1024
	Rate <Rate>	[1..1]	Rate		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1024

27.1.5.2.5.1 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]	±		1006
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1007
	Response <Rspn>	[1..1]	CodeSet		1007
	ResponseReason <RspnRsn>	[0..1]	Text		1007
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1008
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1008
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1008
	TMSTrigger <TMSTrggr>	[0..1]			1008
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1008
	TMSIdentification <TMSId>	[0..1]	Text		1009
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1009

27.1.5.2.5.1.1 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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

27.1.5.2.5.1.2 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		1007
	ResponseReason <RspnRsn>	[0..1]	Text		1007
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1008

27.1.5.2.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1503

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).

27.1.5.2.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 1520

27.1.5.2.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

27.1.5.2.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

27.1.5.2.5.1.4 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 1516):

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

27.1.5.2.5.1.5 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		1008
	TMSIdentification <TMSId>	[0..1]	Text		1009
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1009

27.1.5.2.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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.

27.1.5.2.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.2.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

27.1.5.2.5.2 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

Definition: Result of the verifications performed by the issuer to deliver or decline the authorisation.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1009
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1010
	Result <RsIt>	[0..1]	CodeSet		1010
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1011

27.1.5.2.5.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1470

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.

CodeName	Name	Definition
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

27.1.5.2.5.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1470

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.

27.1.5.2.5.2.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1513

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.

27.1.5.2.5.2.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1521

27.1.5.2.5.3 AllowedProductCode <AllwdPdctCd>

Presence: [0..*]

Definition: Product code which are allowed by the payment card.

AllowedProductCode <AllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1011
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1011

27.1.5.2.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1522

27.1.5.2.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

27.1.5.2.5.4 NotAllowedProductCode <NotAllwdPdctCd>

Presence: [0..*]

Definition: Product code not allowed by the payment card.

NotAllowedProductCode <NotAllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1012
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012

27.1.5.2.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1522

27.1.5.2.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

27.1.5.2.5.5 AdditionalAvailableProduct <AddtlAvlblPdct>

Presence: [0..*]

Definition: Products that may be added to the purchase after the authorisation.

AdditionalAvailableProduct <AddtlAvlblPdct> contains the following **Product5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1012
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1012
	AmountLimit <AmtLmt>	[0..1]	Amount		1012
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1013
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1013

27.1.5.2.5.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1522

27.1.5.2.5.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

27.1.5.2.5.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.5.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1516

27.1.5.2.5.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1511

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.

CodeName	Name	Definition
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
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.

27.1.5.2.5.6 Balance <Bal>

Presence: [0..1]

Definition: Balance and currency code of the account, related to the payment.

Balance <Bal> contains the following elements (see "[AmountAndDirection93](#)" on page 960 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		960
	Currency <Ccy>	[1..1]	CodeSet	C1	960
	Sign <Sgn>	[0..1]	Indicator		961

27.1.5.2.5.7 ProtectedBalance <PrtctdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrtctdBal> contains the following elements (see "[ContentInformationType35](#)" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.5.2.5.8 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed by the POI (Point Of Interaction) system.

Action <Actn> contains the following **Action14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1015
	MessageToPresent <MsgToPres>	[0..1]	±		1016
	RemoteAccess <RmotAccs>	[0..1]	±		1017
	Retry <Rtry>	[0..1]	±		1018
	TimeCondition <TmCond>	[0..1]	±		1018

27.1.5.2.5.8.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Type of action to be performed by the POI (Point Of Interaction) system.

Datatype: "[ActionType13Code](#)" on page 1460

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.

CodeName	Name	Definition
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.

27.1.5.2.5.8.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.5.2.5.8.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 1388 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1389
	ClientCertificate <CIntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

27.1.5.2.5.8.4 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 1450 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1450
	MaximumNumber <MaxNb>	[0..1]	Quantity		1450
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1450

27.1.5.2.5.8.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1451
	EndTime <EndTm>	[0..1]	DateTime		1451
	Period <Prd>	[0..1]	Text		1451
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1451

27.1.5.2.5.9 CurrencyConversionEligibility <CcyConvseElgblty>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

CurrencyConversionEligibility <CcyConvslElgblty> contains the following **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1020
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1021
	ResultingAmount <RsltAmt>	[0..1]	Amount		1021
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidFrom <VldFr>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1022
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	ApplicableBinRange <AplblBinRg>	[0..*]			1022
	LowerBin <LwrBin>	[1..1]	Text		1023
	HigherBin <HghrBin>	[1..1]	Text		1023
	OriginalAmount <OrgnlAmt>	[0..1]			1023
	ActualAmount <ActlAmt>	[0..1]	Amount		1023
	MinimumAmount <MinAmt>	[0..1]	Amount		1023
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1024
	Amount <Amt>	[1..1]	Amount		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024
	MarkUpDetails <MrkUpDtls>	[0..*]			1024
	Rate <Rate>	[1..1]	Rate		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1024

27.1.5.2.5.9.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.2.5.9.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1021

27.1.5.2.5.9.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.2.5.9.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.2.5.9.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

27.1.5.2.5.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.2.5.9.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.5.9.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 1517

27.1.5.2.5.9.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1517

27.1.5.2.5.9.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

27.1.5.2.5.9.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

27.1.5.2.5.9.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

27.1.5.2.5.9.9 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	1022
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022

27.1.5.2.5.9.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.2.5.9.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.2.5.9.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

27.1.5.2.5.9.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.2.5.9.10 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		1023
	HigherBin <HghrBin>	[1..1]	Text		1023

27.1.5.2.5.9.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.2.5.9.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.2.5.9.11 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		1023
	MinimumAmount <MinAmt>	[0..1]	Amount		1023
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023

27.1.5.2.5.9.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.5.9.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.5.9.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.5.9.12 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		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024

27.1.5.2.5.9.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.2.5.9.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

27.1.5.2.5.9.13 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		1024
	AdditionalInformation <AddtlInf>	[0..1]	Text		1024

27.1.5.2.5.9.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

27.1.5.2.5.9.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

27.1.5.2.5.9.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.5.3 CardPaymentDataSetTransaction44

Definition: Card payment transaction to be authorised in a batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1029
	Traceability <Tracblt>	[0..*]	±		1030
	Environment <Envt>	[1..1]	±		1030
	Context <Cntxt>	[0..1]	±		1036
	Transaction <Tx>	[1..1]			1039
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1043
	TransactionType <TxTp>	[0..1]	CodeSet		1044
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1044
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1045
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1045
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1045
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1046
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1046
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1046
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1046
	TransactionIdentification <TxId>	[1..1]	±		1046
	OriginalTransaction <OrgnlTx>	[0..1]	±		1046
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1047
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1047
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1047
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1048
	TransactionDetails <TxDtls>	[1..1]			1048
	Currency <Ccy>	[0..1]	CodeSet	C1	1050
	TotalAmount <TtlAmt>	[1..1]	Amount		1051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1051
	DetailedAmount <DtldAmt>	[0..1]	±		1051
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1052
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1052
	ValidityDate <VldtyDt>	[0..1]	Date		1052

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1052
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1053
	AccountType <AcctTp>	[0..1]	CodeSet		1053
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1054
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1056
	Conversion <Convs>	[0..1]			1056
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1058
	TargetCurrency <TrgtCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[1..1]	Text		1058
	Decimal <Dcml>	[1..1]	Quantity		1058
	Name <Nm>	[0..1]	Text		1058
	ResultingAmount <RsltAmt>	[0..1]	Amount		1059
	ExchangeRate <XchgRate>	[1..1]	Rate		1059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1059
	QuotationDate <QtnDt>	[0..1]	DateTime		1059
	ValidFrom <VldFr>	[0..1]	DateTime		1059
	ValidUntil <VldUntil>	[0..1]	DateTime		1059
	SourceCurrency <SrcCcy>	[1..1]			1059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1060
	NumericCode <NmrcCd>	[0..1]	Text		1060
	Decimal <Dcml>	[0..1]	Quantity		1060
	Name <Nm>	[0..1]	Text		1060
	ApplicableBinRange <ApblBinRg>	[0..*]			1060
	LowerBin <LwrBin>	[1..1]	Text		1061
	HigherBin <HghrBin>	[1..1]	Text		1061
	OriginalAmount <OrgnlAmt>	[0..1]			1061
	ActualAmount <ActlAmt>	[0..1]	Amount		1061
	MinimumAmount <MinAmt>	[0..1]	Amount		1061
	MaximumAmount <MaxAmt>	[0..1]	Amount		1061
	CommissionDetails <ComssnDtls>	[0..*]			1062

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	MarkUpDetails <MrkUpDtls>	[0..*]			1062
	Rate <Rate>	[1..1]	Rate		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1062
	Instalment <Instlmt>	[0..*]	±		1063
	AggregationTransaction <Aggtntx>	[0..1]	±		1064
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1065
	SaleItem <Saleitm>	[0..*]	±		1065
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1066
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1066
	AdditionalInformation <AddtlInf>	[0..*]			1066
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1067
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1068
	AccountFrom <AcctFr>	[0..1]			1068
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1068
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1069
	AccountName <AcctNm>	[0..1]	Text		1070
	AccountOwner <AcctOwnr>	[0..1]			1070
	Name <Nm>	[1..1]	Text		1070
	Address <Adr>	[1..1]	±		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	AccountIdentifier <Acctldr>	[0..1]			1071
{Or	Card <Card>	[1..1]	Text		1072
Or	MSISDN <MSISDN>	[1..1]	Text		1072
Or	Email <EMail>	[1..1]	Text		1072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1072
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1073
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1073
Or	Domestic <Dmst>	[1..1]	Text		1073
Or}	Other <Othr>	[1..1]	Text		1073
	Servicer <Svcr>	[0..1]			1073
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1073
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1074
	AccountTo <AcctTo>	[0..1]			1074
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1075
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1076
	AccountName <AcctNm>	[0..1]	Text		1076
	AccountOwner <AcctOwnr>	[0..1]			1077
	Name <Nm>	[1..1]	Text		1077
	Address <Adr>	[1..1]	±		1077
	Currency <Ccy>	[0..1]	CodeSet	C1	1077
	AccountIdentifier <AcctIdr>	[0..1]			1078
{Or	Card <Card>	[1..1]	Text		1078
Or	MSISDN <MSISDN>	[1..1]	Text		1078
Or	EMail <EMail>	[1..1]	Text		1078
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1078
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1079
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1079
Or	Domestic <Dmst>	[1..1]	Text		1079
Or}	Other <Othr>	[1..1]	Text		1079
	Servicer <Svcr>	[0..1]			1079
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1080
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1080
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1080

27.1.5.3.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

27.1.5.3.2 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 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

27.1.5.3.3 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 "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

27.1.5.3.4 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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

27.1.5.3.5 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction to authorise.

Transaction <Tx> contains the following **CardPaymentTransaction124** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1043
	TransactionType <TxTp>	[0..1]	CodeSet		1044
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1044
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1045
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1045
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1045
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1046
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1046
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1046
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1046
	TransactionIdentification <TxId>	[1..1]	±		1046
	OriginalTransaction <OrgnlTx>	[0..1]	±		1046
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1047
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1047
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1047
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1048
	TransactionDetails <TxDtls>	[1..1]			1048
	Currency <Ccy>	[0..1]	CodeSet	C1	1050
	TotalAmount <TtlAmt>	[1..1]	Amount		1051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1051
	DetailedAmount <DtldAmt>	[0..1]	±		1051
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1052
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1052
	ValidityDate <VldtyDt>	[0..1]	Date		1052
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1052
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		1053
	AccountType <AcctTp>	[0..1]	CodeSet		1053
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1054
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1056

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Convs>	[0..1]			1056
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1058
	TargetCurrency <TrgtCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[1..1]	Text		1058
	Decimal <Dcml>	[1..1]	Quantity		1058
	Name <Nm>	[0..1]	Text		1058
	ResultingAmount <RsltAmt>	[0..1]	Amount		1059
	ExchangeRate <XchgRate>	[1..1]	Rate		1059
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1059
	QuotationDate <QtnDt>	[0..1]	DateTime		1059
	ValidFrom <VldFr>	[0..1]	DateTime		1059
	ValidUntil <VldUntil>	[0..1]	DateTime		1059
	SourceCurrency <SrcCcy>	[1..1]			1059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1060
	NumericCode <NmrcCd>	[0..1]	Text		1060
	Decimal <Dcml>	[0..1]	Quantity		1060
	Name <Nm>	[0..1]	Text		1060
	ApplicableBinRange <AplblBinRg>	[0..*]			1060
	LowerBin <LwrBin>	[1..1]	Text		1061
	HigherBin <HghrBin>	[1..1]	Text		1061
	OriginalAmount <OrgnlAmt>	[0..1]			1061
	ActualAmount <ActlAmt>	[0..1]	Amount		1061
	MinimumAmount <MinAmt>	[0..1]	Amount		1061
	MaximumAmount <MaxAmt>	[0..1]	Amount		1061
	CommissionDetails <ComssnDtls>	[0..*]			1062
	Amount <Amt>	[1..1]	Amount		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	MarkUpDetails <MrkUpDtls>	[0..*]			1062
	Rate <Rate>	[1..1]	Rate		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1062
	Instalment <Instlmt>	[0..*]	±		1063
	AggregationTransaction <AggtnTx>	[0..1]	±		1064
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1065
	SaleItem <Saleitm>	[0..*]	±		1065
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1066
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1066
	AdditionalInformation <AddtlInf>	[0..*]			1066
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrtctdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1067
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1068
	AccountFrom <AcctFr>	[0..1]			1068
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1068
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1069
	AccountName <AcctNm>	[0..1]	Text		1070
	AccountOwner <AcctOwnr>	[0..1]			1070
	Name <Nm>	[1..1]	Text		1070
	Address <Adr>	[1..1]	±		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	AccountIdentifier <AcctIdr>	[0..1]			1071
{Or	Card <Card>	[1..1]	Text		1072
Or	MSISDN <MSISDN>	[1..1]	Text		1072
Or	EMail <EMail>	[1..1]	Text		1072
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1072
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1073
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1073
Or	Domestic <Dmst>	[1..1]	Text		1073
Or}	Other <Othr>	[1..1]	Text		1073

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Servicer <Svcr>	[0..1]			1073
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1073
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1074
	AccountTo <AcctTo>	[0..1]			1074
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1075
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1076
	AccountName <AcctNm>	[0..1]	Text		1076
	AccountOwner <AcctOwnr>	[0..1]			1077
	Name <Nm>	[1..1]	Text		1077
	Address <Adr>	[1..1]	±		1077
	Currency <Ccy>	[0..1]	CodeSet	C1	1077
	AccountIdentifier <AcctIdr>	[0..1]			1078
{Or	Card <Card>	[1..1]	Text		1078
Or	MSISDN <MSISDN>	[1..1]	Text		1078
Or	EMail <EMail>	[1..1]	Text		1078
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1078
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1079
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1079
Or	Domestic <Dmst>	[1..1]	Text		1079
Or}	Other <Othr>	[1..1]	Text		1079
	Servicer <Svcr>	[0..1]			1079
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1080
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1080
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1080

27.1.5.3.5.1 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 1516):

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

27.1.5.3.5.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1477

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.

27.1.5.3.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1479

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.

CodeName	Name	Definition
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.

27.1.5.3.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1478

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.

27.1.5.3.5.5 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 1516):

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

27.1.5.3.5.6 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 1523

27.1.5.3.5.7 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 1516):

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

27.1.5.3.5.8 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 1520

27.1.5.3.5.9 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 1520

27.1.5.3.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.3.5.11 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.5.3.5.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

27.1.5.3.5.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "[Max35Text](#)" on page 1520

27.1.5.3.5.14 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 1520

27.1.5.3.5.15 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 1519

27.1.5.3.5.16 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 1519

27.1.5.3.5.17 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1050
	TotalAmount <TtlAmt>	[1..1]	Amount		1051
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1051
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1051
	DetailedAmount <DtldAmt>	[0..1]	±		1051
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1052
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1052
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1052
	ValidityDate <VldtyDt>	[0..1]	Date		1052
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1052
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1053
	AccountType <AcctTp>	[0..1]	CodeSet		1053
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1054
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1056
	Conversion <Convs>	[0..1]			1056
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1058
	TargetCurrency <TrgtCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[1..1]	Text		1058
	Decimal <Dcml>	[1..1]	Quantity		1058
	Name <Nm>	[0..1]	Text		1058
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1059
	ExchangeRate <XchgRate>	[1..1]	Rate		1059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1059
	QuotationDate <QtnDt>	[0..1]	DateTime		1059
	ValidFrom <VldFr>	[0..1]	DateTime		1059
	ValidUntil <VldUntil>	[0..1]	DateTime		1059
	SourceCurrency <SrcCcy>	[1..1]			1059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1060
	NumericCode <NmrcCd>	[0..1]	Text		1060
	Decimal <Dcml>	[0..1]	Quantity		1060

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1060
	ApplicableBinRange <AplblBinRg>	[0..*]			1060
	LowerBin <LwrBin>	[1..1]	Text		1061
	HigherBin <HghrBin>	[1..1]	Text		1061
	OriginalAmount <OrgnlAmt>	[0..1]			1061
	ActualAmount <ActlAmt>	[0..1]	Amount		1061
	MinimumAmount <MinAmt>	[0..1]	Amount		1061
	MaximumAmount <MaxAmt>	[0..1]	Amount		1061
	CommissionDetails <ComssnDtls>	[0..*]			1062
	Amount <Amt>	[1..1]	Amount		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	MarkUpDetails <MrkUpDtls>	[0..*]			1062
	Rate <Rate>	[1..1]	Rate		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1062
	Instalment <Instlmt>	[0..*]	±		1063
	AggregationTransaction <AggtnTx>	[0..1]	±		1064
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1065
	SaleItem <Saleitm>	[0..*]	±		1065
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1066
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1066
	AdditionalInformation <AddtlInf>	[0..*]			1066
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1067

27.1.5.3.5.17.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.3.5.17.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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.

27.1.5.3.5.17.5 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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

27.1.5.3.5.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

27.1.5.3.5.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

27.1.5.3.5.17.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

27.1.5.3.5.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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.

27.1.5.3.5.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1056
	Conversion <Conv>	[0..1]			1056
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1058
	TargetCurrency <TrgtCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[1..1]	Text		1058
	Decimal <Dcml>	[1..1]	Quantity		1058
	Name <Nm>	[0..1]	Text		1058
	ResultingAmount <RsltAmt>	[0..1]	Amount		1059
	ExchangeRate <XchgRate>	[1..1]	Rate		1059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1059
	QuotationDate <QtnDt>	[0..1]	DateTime		1059
	ValidFrom <VldFr>	[0..1]	DateTime		1059
	ValidUntil <VldUntil>	[0..1]	DateTime		1059
	SourceCurrency <SrcCcy>	[1..1]			1059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1060
	NumericCode <NmrcCd>	[0..1]	Text		1060
	Decimal <Dcml>	[0..1]	Quantity		1060
	Name <Nm>	[0..1]	Text		1060
	ApplicableBinRange <AplblBinRg>	[0..*]			1060
	LowerBin <LwrBin>	[1..1]	Text		1061
	HigherBin <HghrBin>	[1..1]	Text		1061
	OriginalAmount <OrgnlAmt>	[0..1]			1061
	ActualAmount <ActlAmt>	[0..1]	Amount		1061
	MinimumAmount <MinAmt>	[0..1]	Amount		1061
	MaximumAmount <MaxAmt>	[0..1]	Amount		1061
	CommissionDetails <ComssnDtls>	[0..*]			1062
	Amount <Amt>	[1..1]	Amount		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	MarkUpDetails <MrkUpDtls>	[0..*]			1062

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1062

27.1.5.3.5.17.13.1 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 1516):

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

27.1.5.3.5.17.13.2 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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1058
	TargetCurrency <TrgtCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[1..1]	Text		1058
	Decimal <Dcml>	[1..1]	Quantity		1058
	Name <Nm>	[0..1]	Text		1058
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1059
	ExchangeRate <XchgRate>	[1..1]	Rate		1059
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1059
	QuotationDate <QtnDt>	[0..1]	DateTime		1059
	ValidFrom <VldFr>	[0..1]	DateTime		1059
	ValidUntil <VldUntil>	[0..1]	DateTime		1059
	SourceCurrency <SrcCcy>	[1..1]			1059
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1060
	NumericCode <NmrcCd>	[0..1]	Text		1060
	Decimal <Dcml>	[0..1]	Quantity		1060
	Name <Nm>	[0..1]	Text		1060
	ApplicableBinRange <AplblBinRg>	[0..*]			1060
	LowerBin <LwrBin>	[1..1]	Text		1061
	HigherBin <HghrBin>	[1..1]	Text		1061
	OriginalAmount <OrgnlAmt>	[0..1]			1061
	ActualAmount <ActlAmt>	[0..1]	Amount		1061
	MinimumAmount <MinAmt>	[0..1]	Amount		1061
	MaximumAmount <MaxAmt>	[0..1]	Amount		1061
	CommissionDetails <ComssnDtls>	[0..*]			1062
	Amount <Amt>	[1..1]	Amount		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	MarkUpDetails <MrkUpDtls>	[0..*]			1062
	Rate <Rate>	[1..1]	Rate		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062
	DeclarationDetails <DclrtDtls>	[0..*]	±		1062

27.1.5.3.5.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.3.5.17.13.2.2 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	1058
	NumericCode <NmrcCd>	[1..1]	Text		1058
	Decimal <Dcml>	[1..1]	Quantity		1058
	Name <Nm>	[0..1]	Text		1058

27.1.5.3.5.17.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.3.5.17.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.3.5.17.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

27.1.5.3.5.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.3.5.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.13.2.4 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 1517

27.1.5.3.5.17.13.2.5 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 1517

27.1.5.3.5.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

27.1.5.3.5.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

27.1.5.3.5.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

27.1.5.3.5.17.13.2.9 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	1060
	NumericCode <NmrcCd>	[0..1]	Text		1060
	Decimal <Dcml>	[0..1]	Quantity		1060
	Name <Nm>	[0..1]	Text		1060

27.1.5.3.5.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.3.5.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.3.5.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

27.1.5.3.5.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.3.5.17.13.2.10 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		1061
	HigherBin <HghrBin>	[1..1]	Text		1061

27.1.5.3.5.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.3.5.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.3.5.17.13.2.11 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		1061
	MinimumAmount <MinAmt>	[0..1]	Amount		1061
	MaximumAmount <MaxAmt>	[0..1]	Amount		1061

27.1.5.3.5.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.13.2.12 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		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062

27.1.5.3.5.17.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.3.5.17.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

27.1.5.3.5.17.13.2.13 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		1062
	AdditionalInformation <AddtlInf>	[0..1]	Text		1062

27.1.5.3.5.17.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

27.1.5.3.5.17.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

27.1.5.3.5.17.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.5.3.5.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

27.1.5.3.5.17.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

27.1.5.3.5.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

27.1.5.3.5.17.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

27.1.5.3.5.17.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.3.5.17.19 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 1516

27.1.5.3.5.17.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1067
	Value <Val>	[0..1]	Binary		1067
	ProtectedValue <PrctcdVal>	[0..1]	±		1067
	Type <Tp>	[0..1]	Text		1067

27.1.5.3.5.17.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

27.1.5.3.5.17.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

27.1.5.3.5.17.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

27.1.5.3.5.17.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

27.1.5.3.5.17.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

27.1.5.3.5.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1522

27.1.5.3.5.19 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		1068
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1069
	AccountName <AcctNm>	[0..1]	Text		1070
	AccountOwner <AcctOwnr>	[0..1]			1070
	Name <Nm>	[1..1]	Text		1070
	Address <Adr>	[1..1]	±		1070
	Currency <Ccy>	[0..1]	CodeSet	C1	1071
	AccountIdentifier <Acctldr>	[0..1]			1071
{Or	Card <Card>	[1..1]	Text		1072
Or	MSISDN <MSISDN>	[1..1]	Text		1072
Or	EMail <EMail>	[1..1]	Text		1072
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1072
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1073
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1073
Or	Domestic <Dmst>	[1..1]	Text		1073
Or}	Other <Othr>	[1..1]	Text		1073
	Servicer <Svcr>	[0..1]			1073
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1073
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1074

27.1.5.3.5.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1460

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.

27.1.5.3.5.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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

CodeName	Name	Definition
FLTC	FleetCard	Fleet card account.

27.1.5.3.5.19.3 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 1522

27.1.5.3.5.19.4 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		1070
	Address <Adr>	[1..1]	±		1070

27.1.5.3.5.19.4.1 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 1522

27.1.5.3.5.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

27.1.5.3.5.19.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.3.5.19.6 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		1072
Or	MSISDN <MSISDN>	[1..1]	Text		1072
Or	EMail <EMail>	[1..1]	Text		1072
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1072
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1073
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1073
Or	Domestic <Dmst>	[1..1]	Text		1073
Or}	Other <Othr>	[1..1]	Text		1073

27.1.5.3.5.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

27.1.5.3.5.19.6.2 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 1519

27.1.5.3.5.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

27.1.5.3.5.19.6.4 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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

Constraints

• IBAN

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

27.1.5.3.5.19.6.5 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 1515

27.1.5.3.5.19.6.6 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 1515

27.1.5.3.5.19.6.7 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 1520

27.1.5.3.5.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

27.1.5.3.5.19.7 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	1073
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1074

27.1.5.3.5.19.7.1 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 1514

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.

27.1.5.3.5.19.7.2 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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

27.1.5.3.5.20 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		1075
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1076
	AccountName <AcctNm>	[0..1]	Text		1076
	AccountOwner <AcctOwnr>	[0..1]			1077
	Name <Nm>	[1..1]	Text		1077
	Address <Adr>	[1..1]	±		1077
	Currency <Ccy>	[0..1]	CodeSet	C1	1077
	AccountIdentifier <AcctIdr>	[0..1]			1078
{Or	Card <Card>	[1..1]	Text		1078
Or	MSISDN <MSISDN>	[1..1]	Text		1078
Or	EMail <EMail>	[1..1]	Text		1078
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1078
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1079
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1079
Or	Domestic <Dmst>	[1..1]	Text		1079
Or}	Other <Othr>	[1..1]	Text		1079
	Servicer <Svcr>	[0..1]			1079
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1080
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1080

27.1.5.3.5.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1460

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.

27.1.5.3.5.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

27.1.5.3.5.20.3 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 1522

27.1.5.3.5.20.4 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		1077
	Address <Adr>	[1..1]	±		1077

27.1.5.3.5.20.4.1 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 1522

27.1.5.3.5.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

27.1.5.3.5.20.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.3.5.20.6 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		1078
Or	MSISDN <MSISDN>	[1..1]	Text		1078
Or	EMail <EMail>	[1..1]	Text		1078
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1078
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1079
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1079
Or	Domestic <Dmst>	[1..1]	Text		1079
Or}	Other <Othr>	[1..1]	Text		1079

27.1.5.3.5.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

27.1.5.3.5.20.6.2 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 1519

27.1.5.3.5.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

27.1.5.3.5.20.6.4 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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

Constraints

- **IBAN**

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

27.1.5.3.5.20.6.5 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 1515

27.1.5.3.5.20.6.6 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 1515

27.1.5.3.5.20.6.7 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 1520

27.1.5.3.5.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

27.1.5.3.5.20.7 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	1080
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1080

27.1.5.3.5.20.7.1 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 1514

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.

27.1.5.3.5.20.7.2 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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

27.1.5.3.5.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

27.1.5.4 CardPaymentDataSetTransaction43

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		1082
	Traceability <Tracblt>	[0..*]	±		1082
	Environment <Envt>	[1..1]	±		1082
	Context <Cntxt>	[0..1]	±		1088
	Transaction <Tx>	[1..1]			1091
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1093
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1093
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1093
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1093
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1093
	TransactionIdentification <TxId>	[1..1]	±		1093
	OriginalTransaction <OrgnlTx>	[0..1]	±		1094
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1094
	Reversal <Rvsl>	[0..1]	Indicator		1095
	FailureReason <FailrRsn>	[0..*]	CodeSet		1095
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1095
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1096
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1096
	InterchangeData <IntrchgngData>	[0..1]	Text		1096
	TransactionDetails <TxDtls>	[1..1]			1096
	Currency <Ccy>	[0..1]	CodeSet	C1	1096
	TotalAmount <TtlAmt>	[1..1]	Amount		1097
	ValidityDate <VldtyDt>	[0..1]	Date		1097
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1097
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1097
	AuthorisationResult <AuthstnRslt>	[0..1]			1097
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1098
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1098
	Response <Rspn>	[1..1]	CodeSet		1099
	ResponseReason <RspnRsn>	[0..1]	Text		1099
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1099

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1099
	TMSTrigger <TMSTrggr>	[0..1]			1099
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1099
	TMSIdentification <TMSId>	[0..1]	Text		1100
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1100
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1100

27.1.5.4.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

27.1.5.4.2 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

27.1.5.4.3 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 "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LltyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

27.1.5.4.4 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 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpptrdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

27.1.5.4.5 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		1093
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1093
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1093
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1093
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1093
	TransactionIdentification <TxId>	[1..1]	±		1093
	OriginalTransaction <OrgnlTx>	[0..1]	±		1094
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1094
	Reversal <Rvs/ >	[0..1]	Indicator		1095
	FailureReason <FailrRsn>	[0..*]	CodeSet		1095
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1095
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1096
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1096
	InterchangeData <IntrchgData>	[0..1]	Text		1096
	TransactionDetails <TxDtls>	[1..1]			1096
	Currency <Ccy>	[0..1]	CodeSet	C1	1096
	TotalAmount <TtlAmt>	[1..1]	Amount		1097
	ValidityDate <VldtyDt>	[0..1]	Date		1097
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1097
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1097
	AuthorisationResult <AuthstnRslt>	[0..1]			1097
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1098
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1098
	Response <Rspn>	[1..1]	CodeSet		1099
	ResponseReason <RspnRsn>	[0..1]	Text		1099
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1099
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1099
	TMSTrigger <TMSTrggr>	[0..1]			1099
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1099
	TMSIdentification <TMSId>	[0..1]	Text		1100
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1100

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1100

27.1.5.4.5.1 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 1523

27.1.5.4.5.2 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 1516):

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

27.1.5.4.5.3 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 1520

27.1.5.4.5.4 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 1520

27.1.5.4.5.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.4.5.6 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.5.4.5.7 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

27.1.5.4.5.8 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 1516):

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

27.1.5.4.5.9 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 1516):

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

27.1.5.4.5.10 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 1485

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.

27.1.5.4.5.11 InitiatorTransactionIdentification <InitrTxld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.4.5.12 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1519

27.1.5.4.5.13 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 1520

27.1.5.4.5.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

27.1.5.4.5.15 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	1096
	TotalAmount <TtlAmt>	[1..1]	Amount		1097
	ValidityDate <VldtyDt>	[0..1]	Date		1097
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1097
	KeepAuthorisationOpen <KeepAuthstrnOpn>	[0..1]	Indicator		1097

27.1.5.4.5.15.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.4.5.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.4.5.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

27.1.5.4.5.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

27.1.5.4.5.15.5 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 1516):

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

27.1.5.4.5.16 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]	±		1098
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1098
	Response <Rspn>	[1..1]	CodeSet		1099
	ResponseReason <RspnRsn>	[0..1]	Text		1099
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1099
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1099
	TMSTrigger <TMSTrggr>	[0..1]			1099
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1099
	TMSIdentification <TMSId>	[0..1]	Text		1100
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1100

27.1.5.4.5.16.1 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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

27.1.5.4.5.16.2 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		1099
	ResponseReason <RspnRsn>	[0..1]	Text		1099
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1099

27.1.5.4.5.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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).

27.1.5.4.5.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1520

27.1.5.4.5.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

27.1.5.4.5.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

27.1.5.4.5.16.4 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		1099
	TMSIdentification <TMSId>	[0..1]	Text		1100
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1100

27.1.5.4.5.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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.

27.1.5.4.5.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.4.5.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

27.1.5.4.5.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

27.1.5.5 CardPaymentDataSetTransaction42

Definition: Completed card payment transaction to be captured in batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1105
	Traceability <Tracblt>	[0..*]	±		1105
	Environment <Envt>	[1..1]	±		1106
	Context <Cntxt>	[0..1]	±		1112
	Transaction <Tx>	[1..1]			1115
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1120
	TransactionType <TxTp>	[0..1]	CodeSet		1120
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1121
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1122
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1122
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1122
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1122
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1122
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1123
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1123
	TransactionIdentification <TxId>	[1..1]	±		1123
	OriginalTransaction <OrgnlTx>	[0..1]	±		1123
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1124
	Reversal <Rvsl>	[0..1]	Indicator		1124
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1125
	FailureReason <FailrRsn>	[0..*]	CodeSet		1125
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1125
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1126
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1126
	InterchangeData <IntrchgData>	[0..1]	Text		1126
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1126
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1126
	TransactionDetails <TxDtls>	[1..1]			1126
	Currency <Ccy>	[0..1]	CodeSet	C1	1128
	TotalAmount <TtlAmt>	[1..1]	Amount		1129
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1129

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1129
	DetailedAmount <DtldAmt>	[0..1]	±		1129
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1130
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1130
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1130
	ValidityDate <VldtyDt>	[0..1]	Date		1130
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1130
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1131
	AccountType <AcctTp>	[0..1]	CodeSet		1131
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1132
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1134
	Conversion <Convs>	[0..1]			1134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1136
	TargetCurrency <TrgtCcy>	[1..1]			1136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1136
	NumericCode <NmrcCd>	[1..1]	Text		1136
	Decimal <Dcml>	[1..1]	Quantity		1136
	Name <Nm>	[0..1]	Text		1136
	ResultingAmount <RsltAmt>	[0..1]	Amount		1137
	ExchangeRate <XchgRate>	[1..1]	Rate		1137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1137
	QuotationDate <QtnDt>	[0..1]	DateTime		1137
	ValidFrom <VldFr>	[0..1]	DateTime		1137
	ValidUntil <VldUntil>	[0..1]	DateTime		1137
	SourceCurrency <SrcCcy>	[1..1]			1137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1138
	NumericCode <NmrcCd>	[0..1]	Text		1138
	Decimal <Dcml>	[0..1]	Quantity		1138
	Name <Nm>	[0..1]	Text		1138
	ApplicableBinRange <ApblBinRg>	[0..*]			1138
	LowerBin <LwrBin>	[1..1]	Text		1139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		1139
	OriginalAmount <OrgnlAmt>	[0..1]			1139
	ActualAmount <ActlAmt>	[0..1]	Amount		1139
	MinimumAmount <MinAmt>	[0..1]	Amount		1139
	MaximumAmount <MaxAmt>	[0..1]	Amount		1139
	CommissionDetails <ComssnDtls>	[0..*]			1140
	Amount <Amt>	[1..1]	Amount		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	MarkUpDetails <MrkUpDtls>	[0..*]			1140
	Rate <Rate>	[1..1]	Rate		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	DeclarationDetails <DclrtDtls>	[0..*]	±		1140
	Instalment <Instlmt>	[0..*]	±		1141
	AggregationTransaction <AggtnTx>	[0..1]	±		1142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1143
	SaleItem <Saleitm>	[0..*]	±		1143
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1144
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1144
	AdditionalInformation <AddtlInf>	[0..*]			1144
	Identification <Id>	[1..1]	Text		1145
	Value <Val>	[0..1]	Binary		1145
	ProtectedValue <PrctcdVal>	[0..1]	±		1145
	Type <Tp>	[0..1]	Text		1145
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1145
	AuthorisationResult <AuthstnRslt>	[0..1]			1146
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1146
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1146
	Response <Rspn>	[1..1]	CodeSet		1147
	ResponseReason <RspnRsn>	[0..1]	Text		1147
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1147
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1147
	Method <Mtd>	[1..1]	CodeSet		1148
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1148
	Result <Rslt>	[0..1]	CodeSet		1149
	AdditionalResult <AddtlRslt>	[0..1]	Text		1149
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1149
	AccountFrom <AcctFr>	[0..1]			1149
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1150
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1151
	AccountName <AcctNm>	[0..1]	Text		1151
	AccountOwner <AcctOwnr>	[0..1]			1152
	Name <Nm>	[1..1]	Text		1152
	Address <Adr>	[1..1]	±		1152
	Currency <Ccy>	[0..1]	CodeSet	C1	1152
	AccountIdentifier <AcctIdr>	[0..1]			1153
{Or	Card <Card>	[1..1]	Text		1153
Or	MSISDN <MSISDN>	[1..1]	Text		1153
Or	EMail <EMail>	[1..1]	Text		1153
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1153
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1154
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1154
Or	Domestic <Dmst>	[1..1]	Text		1154
Or}	Other <Othr>	[1..1]	Text		1154
	Servicer <Svcr>	[0..1]			1154
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1155
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1155
	AccountTo <AcctTo>	[0..1]			1155
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1156
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1157
	AccountName <AcctNm>	[0..1]	Text		1157
	AccountOwner <AcctOwnr>	[0..1]			1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1158
	Address <Adr>	[1..1]	±		1158
	Currency <Ccy>	[0..1]	CodeSet	C1	1158
	AccountIdentifier <AcctIdr>	[0..1]			1159
{Or	Card <Card>	[1..1]	Text		1159
Or	MSISDN <MSISDN>	[1..1]	Text		1159
Or	EMail <EMail>	[1..1]	Text		1159
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1159
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1160
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1160
Or	Domestic <Dmst>	[1..1]	Text		1160
Or}	Other <Othr>	[1..1]	Text		1160
	Servicer <Svcr>	[0..1]			1160
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1161
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1161
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1161

27.1.5.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1523

27.1.5.5.2 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

27.1.5.5.3 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 "[CardPaymentEnvironment79](#)" on page 1264 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrctcdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crhdldr>	[0..1]			1289

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScfSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRsIt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		1316
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

27.1.5.5.4 Context <Cntxt>

Presence: [0..1]

Definition: Data related to the context of the transaction.

Context <Cntxt> contains the following elements (see "CardPaymentContext30" on page 1319 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

27.1.5.5.5 Transaction <Tx>

Presence: [1..1]

Definition: Transaction information to be captured.

Transaction <Tx> contains the following **CardPaymentTransaction125** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1120
	TransactionType <TxTp>	[0..1]	CodeSet		1120
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1121
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1122
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1122
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1122
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1122
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1122
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1123
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1123
	TransactionIdentification <TxId>	[1..1]	±		1123
	OriginalTransaction <OrgnlTx>	[0..1]	±		1123
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1124
	Reversal <Rvs/>	[0..1]	Indicator		1124
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1125
	FailureReason <FailrRsn>	[0..*]	CodeSet		1125
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1125
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1126
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1126
	InterchangeData <IntrchgData>	[0..1]	Text		1126
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1126
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1126
	TransactionDetails <TxDtls>	[1..1]			1126
	Currency <Ccy>	[0..1]	CodeSet	C1	1128
	TotalAmount <TtlAmt>	[1..1]	Amount		1129
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1129
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1129
	DetailedAmount <DtldAmt>	[0..1]	±		1129
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1130
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1130
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1130

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1130
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1130
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		1131
	AccountType <AcctTp>	[0..1]	CodeSet		1131
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1132
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1134
	Conversion <Convs>	[0..1]			1134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1136
	TargetCurrency <TrgtCcy>	[1..1]			1136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1136
	NumericCode <NmrcCd>	[1..1]	Text		1136
	Decimal <Dcml>	[1..1]	Quantity		1136
	Name <Nm>	[0..1]	Text		1136
	ResultingAmount <RsltAmt>	[0..1]	Amount		1137
	ExchangeRate <XchgRate>	[1..1]	Rate		1137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1137
	QuotationDate <QtnDt>	[0..1]	DateTime		1137
	ValidFrom <VldFr>	[0..1]	DateTime		1137
	ValidUntil <VldUntil>	[0..1]	DateTime		1137
	SourceCurrency <SrcCcy>	[1..1]			1137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1138
	NumericCode <NmrcCd>	[0..1]	Text		1138
	Decimal <Dcml>	[0..1]	Quantity		1138
	Name <Nm>	[0..1]	Text		1138
	ApplicableBinRange <AplblBinRg>	[0..*]			1138
	LowerBin <LwrBin>	[1..1]	Text		1139
	HigherBin <HghrBin>	[1..1]	Text		1139
	OriginalAmount <OrgnlAmt>	[0..1]			1139
	ActualAmount <ActlAmt>	[0..1]	Amount		1139
	MinimumAmount <MinAmt>	[0..1]	Amount		1139
	MaximumAmount <MaxAmt>	[0..1]	Amount		1139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1140
	Amount <Amt>	[1..1]	Amount		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	MarkUpDetails <MrkUpDtls>	[0..*]			1140
	Rate <Rate>	[1..1]	Rate		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	DeclarationDetails <DclrtDtls>	[0..*]	±		1140
	Instalment <Instlmt>	[0..*]	±		1141
	AggregationTransaction <AggtTx>	[0..1]	±		1142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1143
	SaleItem <SaleItm>	[0..*]	±		1143
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1144
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1144
	AdditionalInformation <AddtlInf>	[0..*]			1144
	Identification <Id>	[1..1]	Text		1145
	Value <Val>	[0..1]	Binary		1145
	ProtectedValue <PrctdVal>	[0..1]	±		1145
	Type <Tp>	[0..1]	Text		1145
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1145
	AuthorisationResult <AuthstnRslt>	[0..1]			1146
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1146
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1146
	Response <Rspn>	[1..1]	CodeSet		1147
	ResponseReason <RspnRsn>	[0..1]	Text		1147
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1147
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1147
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1147
	Method <Mtd>	[1..1]	CodeSet		1148
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1148
	Result <Rslt>	[0..1]	CodeSet		1149
	AdditionalResult <AddtlRslt>	[0..1]	Text		1149

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1149
	AccountFrom <AcctFr>	[0..1]			1149
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1150
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1151
	AccountName <AcctNm>	[0..1]	Text		1151
	AccountOwner <AcctOwnr>	[0..1]			1152
	Name <Nm>	[1..1]	Text		1152
	Address <Adr>	[1..1]	±		1152
	Currency <Ccy>	[0..1]	CodeSet	C1	1152
	AccountIdentifier <AcctIdr>	[0..1]			1153
{Or	Card <Card>	[1..1]	Text		1153
Or	MSISDN <MSISDN>	[1..1]	Text		1153
Or	EMail <EMail>	[1..1]	Text		1153
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1153
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1154
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1154
Or	Domestic <Dmst>	[1..1]	Text		1154
Or}	Other <Othr>	[1..1]	Text		1154
	Servicer <Svcr>	[0..1]			1154
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1155
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1155
	AccountTo <AcctTo>	[0..1]			1155
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1156
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1157
	AccountName <AcctNm>	[0..1]	Text		1157
	AccountOwner <AcctOwnr>	[0..1]			1158
	Name <Nm>	[1..1]	Text		1158
	Address <Adr>	[1..1]	±		1158
	Currency <Ccy>	[0..1]	CodeSet	C1	1158
	AccountIdentifier <AcctIdr>	[0..1]			1159
{Or	Card <Card>	[1..1]	Text		1159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1159
Or	EMail <EMail>	[1..1]	Text		1159
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1159
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1160
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1160
Or	Domestic <Dmst>	[1..1]	Text		1160
Or}	Other <Othr>	[1..1]	Text		1160
	Servicer <Svcr>	[0..1]			1160
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1161
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1161
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1161

27.1.5.5.5.1 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 1516):

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

27.1.5.5.5.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1477

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.
CSDH	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.

27.1.5.5.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1479

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.

27.1.5.5.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1478

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.

27.1.5.5.5.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.1.5.5.5.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

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

Datatype: "Min3Max4Text" on page 1523

27.1.5.5.5.7 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 1516):

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

27.1.5.5.5.8 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 1520

27.1.5.5.5.9 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 1520

27.1.5.5.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.5.5.11 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.5.5.5.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1204 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

27.1.5.5.13 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 1516):

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

27.1.5.5.14 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 1516):

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

27.1.5.5.15 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 1516):

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

27.1.5.5.16 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 1485

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.

27.1.5.5.17 InitiatorTransactionIdentification <InitrTxld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.5.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1519

27.1.5.5.19 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 1520

27.1.5.5.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1519

27.1.5.5.21 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 1519

27.1.5.5.22 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 1519

27.1.5.5.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1128
	TotalAmount <TtlAmt>	[1..1]	Amount		1129
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1129
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1129
	DetailedAmount <DtldAmt>	[0..1]	±		1129
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1130
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1130
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1130
	ValidityDate <VldtyDt>	[0..1]	Date		1130
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1130
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1131
	AccountType <AcctTp>	[0..1]	CodeSet		1131
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1132
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1134
	Conversion <Convs>	[0..1]			1134
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1136
	TargetCurrency <TrgtCcy>	[1..1]			1136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1136
	NumericCode <NmrcCd>	[1..1]	Text		1136
	Decimal <Dcml>	[1..1]	Quantity		1136
	Name <Nm>	[0..1]	Text		1136
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1137
	ExchangeRate <XchgRate>	[1..1]	Rate		1137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1137
	QuotationDate <QtnDt>	[0..1]	DateTime		1137
	ValidFrom <VldFr>	[0..1]	DateTime		1137
	ValidUntil <VldUntil>	[0..1]	DateTime		1137
	SourceCurrency <SrcCcy>	[1..1]			1137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1138
	NumericCode <NmrcCd>	[0..1]	Text		1138
	Decimal <Dcml>	[0..1]	Quantity		1138

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1138
	ApplicableBinRange <AplblBinRg>	[0..*]			1138
	LowerBin <LwrBin>	[1..1]	Text		1139
	HigherBin <HghrBin>	[1..1]	Text		1139
	OriginalAmount <OrgnlAmt>	[0..1]			1139
	ActualAmount <ActlAmt>	[0..1]	Amount		1139
	MinimumAmount <MinAmt>	[0..1]	Amount		1139
	MaximumAmount <MaxAmt>	[0..1]	Amount		1139
	CommissionDetails <ComssnDtls>	[0..*]			1140
	Amount <Amt>	[1..1]	Amount		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	MarkUpDetails <MrkUpDtls>	[0..*]			1140
	Rate <Rate>	[1..1]	Rate		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1140
	Instalment <Instlmt>	[0..*]	±		1141
	AggregationTransaction <AggtnTx>	[0..1]	±		1142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1143
	SaleItem <Saleitm>	[0..*]	±		1143
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1144
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1144
	AdditionalInformation <AddtlInf>	[0..*]			1144
	Identification <Id>	[1..1]	Text		1145
	Value <Val>	[0..1]	Binary		1145
	ProtectedValue <PrctcdVal>	[0..1]	±		1145
	Type <Tp>	[0..1]	Text		1145
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1145

27.1.5.5.23.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.5.5.23.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.5.23.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.5.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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.

27.1.5.5.5.23.5 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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

27.1.5.5.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.23.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

27.1.5.5.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

27.1.5.5.23.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

27.1.5.5.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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.

27.1.5.5.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1134
	Conversion <Convs>	[0..1]			1134
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1136
	TargetCurrency <TrgtCcy>	[1..1]			1136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1136
	NumericCode <NmrcCd>	[1..1]	Text		1136
	Decimal <Dcml>	[1..1]	Quantity		1136
	Name <Nm>	[0..1]	Text		1136
	ResultingAmount <RsltAmt>	[0..1]	Amount		1137
	ExchangeRate <XchgRate>	[1..1]	Rate		1137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1137
	QuotationDate <QtnDt>	[0..1]	DateTime		1137
	ValidFrom <VldFr>	[0..1]	DateTime		1137
	ValidUntil <VldUntil>	[0..1]	DateTime		1137
	SourceCurrency <SrcCcy>	[1..1]			1137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1138
	NumericCode <NmrcCd>	[0..1]	Text		1138
	Decimal <Dcml>	[0..1]	Quantity		1138
	Name <Nm>	[0..1]	Text		1138
	ApplicableBinRange <AplblBinRg>	[0..*]			1138
	LowerBin <LwrBin>	[1..1]	Text		1139
	HigherBin <HghrBin>	[1..1]	Text		1139
	OriginalAmount <OrgnlAmt>	[0..1]			1139
	ActualAmount <ActlAmt>	[0..1]	Amount		1139
	MinimumAmount <MinAmt>	[0..1]	Amount		1139
	MaximumAmount <MaxAmt>	[0..1]	Amount		1139
	CommissionDetails <ComssnDtls>	[0..*]			1140
	Amount <Amt>	[1..1]	Amount		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	MarkUpDetails <MrkUpDtls>	[0..*]			1140

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1140

27.1.5.5.5.23.13.1 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 1516):

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

27.1.5.5.5.23.13.2 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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1136
	TargetCurrency <TrgtCcy>	[1..1]			1136
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1136
	NumericCode <NmrcCd>	[1..1]	Text		1136
	Decimal <Dcml>	[1..1]	Quantity		1136
	Name <Nm>	[0..1]	Text		1136
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1137
	ExchangeRate <XchgRate>	[1..1]	Rate		1137
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1137
	QuotationDate <QtnDt>	[0..1]	DateTime		1137
	ValidFrom <VldFr>	[0..1]	DateTime		1137
	ValidUntil <VldUntil>	[0..1]	DateTime		1137
	SourceCurrency <SrcCcy>	[1..1]			1137
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1138
	NumericCode <NmrcCd>	[0..1]	Text		1138
	Decimal <Dcml>	[0..1]	Quantity		1138
	Name <Nm>	[0..1]	Text		1138
	ApplicableBinRange <AplblBinRg>	[0..*]			1138
	LowerBin <LwrBin>	[1..1]	Text		1139
	HigherBin <HghrBin>	[1..1]	Text		1139
	OriginalAmount <OrgnlAmt>	[0..1]			1139
	ActualAmount <ActlAmt>	[0..1]	Amount		1139
	MinimumAmount <MinAmt>	[0..1]	Amount		1139
	MaximumAmount <MaxAmt>	[0..1]	Amount		1139
	CommissionDetails <ComssnDtls>	[0..*]			1140
	Amount <Amt>	[1..1]	Amount		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	MarkUpDetails <MrkUpDtls>	[0..*]			1140
	Rate <Rate>	[1..1]	Rate		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140
	DeclarationDetails <DclrtDtls>	[0..*]	±		1140

27.1.5.5.5.23.13.2.1 CurrencyConversionIdentification <CcyConvId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.5.5.23.13.2.2 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	1136
	NumericCode <NmrcCd>	[1..1]	Text		1136
	Decimal <Dcml>	[1..1]	Quantity		1136
	Name <Nm>	[0..1]	Text		1136

27.1.5.5.5.23.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.5.5.23.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.5.5.23.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

27.1.5.5.5.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.5.5.23.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.5.23.13.2.4 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 1517

27.1.5.5.5.23.13.2.5 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 1517

27.1.5.5.5.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

27.1.5.5.5.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

27.1.5.5.5.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

27.1.5.5.5.23.13.2.9 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	1138
	NumericCode <NmrcCd>	[0..1]	Text		1138
	Decimal <Dcml>	[0..1]	Quantity		1138
	Name <Nm>	[0..1]	Text		1138

27.1.5.5.5.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.5.5.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.5.5.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

27.1.5.5.5.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.5.5.23.13.2.10 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		1139
	HigherBin <HghrBin>	[1..1]	Text		1139

27.1.5.5.5.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.5.5.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.5.5.23.13.2.11 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		1139
	MinimumAmount <MinAmt>	[0..1]	Amount		1139
	MaximumAmount <MaxAmt>	[0..1]	Amount		1139

27.1.5.5.5.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.5.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.5.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.5.23.13.2.12 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		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140

27.1.5.5.5.23.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.5.5.23.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

27.1.5.5.5.23.13.2.13 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		1140
	AdditionalInformation <AddtlInf>	[0..1]	Text		1140

27.1.5.5.5.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

27.1.5.5.5.23.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

27.1.5.5.5.23.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.5.5.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

27.1.5.5.23.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

27.1.5.5.5.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

27.1.5.5.5.23.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

27.1.5.5.23.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.5.23.19 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 1516

27.1.5.5.23.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1145
	Value <Val>	[0..1]	Binary		1145
	ProtectedValue <PrctcdVal>	[0..1]	±		1145
	Type <Tp>	[0..1]	Text		1145

27.1.5.5.5.23.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

27.1.5.5.5.23.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

27.1.5.5.5.23.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

27.1.5.5.5.23.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

27.1.5.5.5.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

27.1.5.5.24 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]	±		1146
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1146
	Response <Rspn>	[1..1]	CodeSet		1147
	ResponseReason <RspnRsn>	[0..1]	Text		1147
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1147
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1147

27.1.5.5.24.1 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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

27.1.5.5.24.2 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		1147
	ResponseReason <RspnRsn>	[0..1]	Text		1147
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1147

27.1.5.5.5.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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).

27.1.5.5.5.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1520

27.1.5.5.5.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

27.1.5.5.5.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

27.1.5.5.5.25 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

Definition: Result of the performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1148
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1148
	Result <RsIt>	[0..1]	CodeSet		1149
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1149

27.1.5.5.5.25.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1470

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

27.1.5.5.5.25.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1470

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.

27.1.5.5.5.25.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1513

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.

27.1.5.5.5.25.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1521

27.1.5.5.5.26 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1522

27.1.5.5.5.27 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		1150
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1151
	AccountName <AcctNm>	[0..1]	Text		1151
	AccountOwner <AcctOwnr>	[0..1]			1152
	Name <Nm>	[1..1]	Text		1152
	Address <Adr>	[1..1]	±		1152
	Currency <Ccy>	[0..1]	CodeSet	C1	1152
	AccountIdentifier <AcctIdr>	[0..1]			1153
{Or	Card <Card>	[1..1]	Text		1153
Or	MSISDN <MSISDN>	[1..1]	Text		1153
Or	EMail <EMail>	[1..1]	Text		1153
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1153
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1154
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1154
Or	Domestic <Dmst>	[1..1]	Text		1154
Or}	Other <Othr>	[1..1]	Text		1154
	Servicer <Svcr>	[0..1]			1154
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1155
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1155

27.1.5.5.5.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1460

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.

27.1.5.5.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

27.1.5.5.27.3 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 1522

27.1.5.5.5.27.4 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		1152
	Address <Adr>	[1..1]	±		1152

27.1.5.5.5.27.4.1 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 1522

27.1.5.5.5.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

27.1.5.5.5.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.5.5.27.6 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		1153
Or	MSISDN <MSISDN>	[1..1]	Text		1153
Or	EMail <EMail>	[1..1]	Text		1153
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1153
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1154
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1154
Or	Domestic <Dmst>	[1..1]	Text		1154
Or}	Other <Othr>	[1..1]	Text		1154

27.1.5.5.5.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

27.1.5.5.5.27.6.2 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 1519

27.1.5.5.5.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

27.1.5.5.5.27.6.4 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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

Constraints

- **IBAN**

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

27.1.5.5.5.27.6.5 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 1515

27.1.5.5.5.27.6.6 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 1515

27.1.5.5.5.27.6.7 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 1520

27.1.5.5.5.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

27.1.5.5.5.27.7 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	1155
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1155

27.1.5.5.5.27.7.1 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 1514

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.

27.1.5.5.5.27.7.2 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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

27.1.5.5.5.28 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		1156
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1157
	AccountName <AcctNm>	[0..1]	Text		1157
	AccountOwner <AcctOwnr>	[0..1]			1158
	Name <Nm>	[1..1]	Text		1158
	Address <Adr>	[1..1]	±		1158
	Currency <Ccy>	[0..1]	CodeSet	C1	1158
	AccountIdentifier <AcctIdr>	[0..1]			1159
{Or	Card <Card>	[1..1]	Text		1159
Or	MSISDN <MSISDN>	[1..1]	Text		1159
Or	EMail <EMail>	[1..1]	Text		1159
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1159
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1160
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1160
Or	Domestic <Dmst>	[1..1]	Text		1160
Or}	Other <Othr>	[1..1]	Text		1160
	Servicer <Svcr>	[0..1]			1160
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1161
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1161

27.1.5.5.5.28.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1460

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.

27.1.5.5.28.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

27.1.5.5.28.3 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 1522

27.1.5.5.28.4 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		1158
	Address <Adr>	[1..1]	±		1158

27.1.5.5.28.4.1 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 1522

27.1.5.5.28.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1389 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

27.1.5.5.28.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.5.5.28.6 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		1159
Or	MSISDN <MSISDN>	[1..1]	Text		1159
Or	EMail <EMail>	[1..1]	Text		1159
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1159
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1160
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1160
Or	Domestic <Dmst>	[1..1]	Text		1160
Or}	Other <Othr>	[1..1]	Text		1160

27.1.5.5.5.28.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1524

27.1.5.5.5.28.6.2 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 1519

27.1.5.5.5.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1519

27.1.5.5.5.28.6.4 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: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

Constraints

- **IBAN**

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

27.1.5.5.5.28.6.5 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 1515

27.1.5.5.5.28.6.6 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 1515

27.1.5.5.5.28.6.7 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 1520

27.1.5.5.5.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1520

27.1.5.5.5.28.7 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	1161
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1161

27.1.5.5.5.28.7.1 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 1514

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.

27.1.5.5.5.28.7.2 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 1210 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

27.1.5.5.5.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1522

27.1.5.6 CardPaymentTransaction127

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		1166
	TransactionType <TxTp>	[1..1]	CodeSet		1166
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1167
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1167
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1168
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1168
	TransactionIdentification <TxId>	[1..1]	±		1168
	OriginalTransaction <OrgnlTx>	[0..1]			1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1170
	TransactionIdentification <TxId>	[1..1]	±		1170
	POIIdentification <POIID>	[1..1]	±		1170
	CurrencyConversion <CcyConvs>	[0..1]			1170
	Result <Rslt>	[1..1]	CodeSet		1173
	ResultReason <RsltRsn>	[0..1]	Text		1173
	ConversionDetails <ConvsDtls>	[0..*]			1173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177
	NumericCode <NmrcCd>	[0..1]	Text		1177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <ApblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1179
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1180
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1180
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1180
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1180
	TransactionDetails <TxDtls>	[1..1]			1181
	Currency <Ccy>	[0..1]	CodeSet	C1	1183
	TotalAmount <TtlAmt>	[1..1]	Amount		1184
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1184
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1184
	DetailedAmount <DtldAmt>	[0..1]	±		1184
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1185
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1185
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1185
	ValidityDate <VldtyDt>	[0..1]	Date		1185
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UatnnddLv/Ctgy>	[0..1]	Text		1186
	AccountType <AcctTp>	[0..1]	CodeSet		1186
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1187
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1189
	Conversion <Convs>	[0..1]			1189
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <AplblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195
	Amount <Amt>	[1..1]	Amount		1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1195
	Instalment <Instlmt>	[0..*]	±		1196
	AggregationTransaction <AggtnTx>	[0..1]	±		1197
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1198
	SaleItem <SaleItm>	[0..*]	±		1198
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1199
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1199
	AdditionalInformation <AddtlInf>	[0..*]			1199
	Identification <Id>	[1..1]	Text		1200
	Value <Val>	[0..1]	Binary		1200
	ProtectedValue <PrtctdVal>	[0..1]	±		1200
	Type <Tp>	[0..1]	Text		1200
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1200
	AuthorisationResult <AuthstnRslt>	[0..1]			1201
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1201
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1201
	Response <Rspn>	[1..1]	CodeSet		1202
	ResponseReason <RspnRsn>	[0..1]	Text		1202
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1202
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1202
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1202
	CustomerOrder <CstmrOrd>	[0..1]	±		1202
	CustomerToken <CstmrTkn>	[0..1]	±		1203
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1204
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1204
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	Text		1204
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1204
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1204
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1204

27.1.5.6.1 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 1516):

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

27.1.5.6.2 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: ["CardPaymentServiceType5Code"](#) on page 1479

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.

CodeName	Name	Definition
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.

27.1.5.6.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1479

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.

27.1.5.6.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1478

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.

CodeName	Name	Definition
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

27.1.5.6.5 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 1516):

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

27.1.5.6.6 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 1523

27.1.5.6.7 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 1520

27.1.5.6.8 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.5.6.9 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction126** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1170
	TransactionIdentification <TxId>	[1..1]	±		1170
	POIIdentification <POIID>	[1..1]	±		1170
	CurrencyConversion <CcyConvs>	[0..1]			1170
	Result <Rslt>	[1..1]	CodeSet		1173
	ResultReason <RsltRsn>	[0..1]	Text		1173
	ConversionDetails <ConvsDtls>	[0..*]			1173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <AplblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1179

27.1.5.6.9.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.6.9.2 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.5.6.9.3 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 1220 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1220
	Type <Tp>	[0..1]	CodeSet		1220
	Issuer <Issr>	[0..1]	CodeSet		1220
	ShortName <ShrtNm>	[0..1]	Text		1221

27.1.5.6.9.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1173
	ResultReason <RsltRsn>	[0..1]	Text		1173
	ConversionDetails <ConvsDtls>	[0..*]			1173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvtrdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <AplblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1179

27.1.5.6.9.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1482

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.

27.1.5.6.9.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 1520

27.1.5.6.9.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <AplblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <DclrtDtls>	[0..*]	±		1179

27.1.5.6.9.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.6.9.4.3.2 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	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175

27.1.5.6.9.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.6.9.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.6.9.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

27.1.5.6.9.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.6.9.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.9.4.3.4 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 1517

27.1.5.6.9.4.3.5 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 1517

27.1.5.6.9.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

27.1.5.6.9.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

27.1.5.6.9.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

27.1.5.6.9.4.3.9 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	1177
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177

27.1.5.6.9.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.6.9.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.6.9.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

27.1.5.6.9.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.6.9.4.3.10 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		1178
	HigherBin <HghrBin>	[1..1]	Text		1178

27.1.5.6.9.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.6.9.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.6.9.4.3.11 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		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178

27.1.5.6.9.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.9.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.9.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.9.4.3.12 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		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179

27.1.5.6.9.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.9.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

27.1.5.6.9.4.3.13 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		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179

27.1.5.6.9.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

27.1.5.6.9.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

27.1.5.6.9.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.5.6.10 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 1520

27.1.5.6.11 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 1519

27.1.5.6.12 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 1519

27.1.5.6.13 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 1519

27.1.5.6.14 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails52** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1183
	TotalAmount <TtlAmt>	[1..1]	Amount		1184
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1184
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1184
	DetailedAmount <DtldAmt>	[0..1]	±		1184
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1185
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1185
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1185
	ValidityDate <VldtyDt>	[0..1]	Date		1185
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1185
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1186
	AccountType <AcctTp>	[0..1]	CodeSet		1186
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1187
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1189
	Conversion <Convs>	[0..1]			1189
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <ApblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195
	Amount <Amt>	[1..1]	Amount		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <DclrtDtls>	[0..*]	±		1195
	Instalment <Instlmt>	[0..*]	±		1196
	AggregationTransaction <AggtnTx>	[0..1]	±		1197
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1198
	SaleItem <Saleitm>	[0..*]	±		1198
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1199
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1199
	AdditionalInformation <AddtlInf>	[0..*]			1199
	Identification <Id>	[1..1]	Text		1200
	Value <Val>	[0..1]	Binary		1200
	ProtectedValue <PrctdVal>	[0..1]	±		1200
	Type <Tp>	[0..1]	Text		1200
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1200

27.1.5.6.14.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.6.14.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1510

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.

27.1.5.6.14.5 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 963 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		963
	CashBack <CshBck>	[0..1]	Amount		963
	Gratuity <Grtty>	[0..1]	Amount		963
	Fees <Fees>	[0..*]	±		963
	Rebate <Rbt>	[0..*]	±		964
	ValueAddedTax <ValAddedTax>	[0..*]	±		964
	Surcharge <Srchr>	[0..*]	±		964

27.1.5.6.14.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1514

27.1.5.6.14.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1494

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

27.1.5.6.14.11 UnattendedLevelCategory <UattnddLvIctgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

27.1.5.6.14.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1474

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.

CodeName	Name	Definition
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.

27.1.5.6.14.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1189
	Conversion <Convs>	[0..1]			1189
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <AplblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195
	Amount <Amt>	[1..1]	Amount		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1195

27.1.5.6.14.13.1 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 1516):

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

27.1.5.6.14.13.2 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 **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <AplblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195
	Amount <Amt>	[1..1]	Amount		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1195

27.1.5.6.14.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.6.14.13.2.2 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	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191

27.1.5.6.14.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.6.14.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.6.14.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

27.1.5.6.14.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.6.14.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.13.2.4 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 1517

27.1.5.6.14.13.2.5 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 1517

27.1.5.6.14.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

27.1.5.6.14.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

27.1.5.6.14.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

27.1.5.6.14.13.2.9 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	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193

27.1.5.6.14.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.5.6.14.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.5.6.14.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

27.1.5.6.14.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.5.6.14.13.2.10 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		1194
	HigherBin <HghrBin>	[1..1]	Text		1194

27.1.5.6.14.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.6.14.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.5.6.14.13.2.11 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		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194

27.1.5.6.14.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.13.2.12 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		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195

27.1.5.6.14.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.5.6.14.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

27.1.5.6.14.13.2.13 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		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195

27.1.5.6.14.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

27.1.5.6.14.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

27.1.5.6.14.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.5.6.14.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction5" on page 1257 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

27.1.5.6.14.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1372 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

27.1.5.6.14.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1518

27.1.5.6.14.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1378
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

27.1.5.6.14.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.6.14.19 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 1516

27.1.5.6.14.20 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1200
	Value <Val>	[0..1]	Binary		1200
	ProtectedValue <PrctcdVal>	[0..1]	±		1200
	Type <Tp>	[0..1]	Text		1200

27.1.5.6.14.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

27.1.5.6.14.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

27.1.5.6.14.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

27.1.5.6.14.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

27.1.5.6.14.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1458

27.1.5.6.15 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]	±		1201
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1201
	Response <Rspn>	[1..1]	CodeSet		1202
	ResponseReason <RspnRsn>	[0..1]	Text		1202
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1202
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1202

27.1.5.6.15.1 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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

27.1.5.6.15.2 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		1202
	ResponseReason <RspnRsn>	[0..1]	Text		1202
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1202

27.1.5.6.15.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1503

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).

27.1.5.6.15.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1520

27.1.5.6.15.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

27.1.5.6.15.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

27.1.5.6.16 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1522

27.1.5.6.17 CustomerOrder <CstmrOrd>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrd> contains the following elements (see "[CustomerOrder1](#)" on page 1366 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1366
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1366
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1367
	StartDate <StartDt>	[1..1]	DateTime		1367
	EndDate <EndDt>	[0..1]	DateTime		1367
	Unit <Unit>	[0..1]	CodeSet		1367
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1367
	CurrentAmount <CurAmt>	[0..1]	Amount		1367
	Currency <Ccy>	[0..1]	CodeSet	C1	1367
	AccessedBy <AccsdBy>	[0..1]	Text		1368
	AdditionalInformation <AddtlInf>	[0..1]	Text		1368

27.1.5.6.18 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 1455 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1455
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1455
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1455
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1455
	TokenRequestor <TknRqstr>	[0..1]			1456
	ProviderIdentification <PrvdrId>	[1..1]	Text		1456
	RequestorIdentification <RqstrId>	[1..1]	Text		1456
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1456
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1456
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1456
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		1456

27.1.5.6.19 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 1516](#)):

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

27.1.5.6.20 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 1520](#)

27.1.5.6.21 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 1520](#)

27.1.5.6.22 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: ["Max70Text" on page 1522](#)

27.1.5.6.23 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: ["Max70Text" on page 1522](#)

27.1.5.6.24 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: ["Max70Text" on page 1522](#)

27.1.5.6.25 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: ["Max70Text" on page 1522](#)

27.1.5.7 CardPaymentTransaction122

Definition: Identification of the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1205
	TransactionIdentification <TxId>	[1..1]	±		1205
	POIIdentification <POIID>	[0..1]	±		1205
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1206
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1206
	TransactionType <TxTp>	[1..1]	CodeSet		1206
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1207
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1207
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1208
	TransactionResult <TxRslt>	[0..1]			1208
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

27.1.5.7.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.5.7.2 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 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.5.7.3 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 1220 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1220
	Type <Tp>	[0..1]	CodeSet		1220
	Issuer <Issr>	[0..1]	CodeSet		1220
	ShortName <ShrtNm>	[0..1]	Text		1221

27.1.5.7.4 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "[Max35Text](#)" on page 1520

27.1.5.7.5 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "[Max140Text](#)" on page 1519

27.1.5.7.6 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: "[CardPaymentServiceType12Code](#)" on page 1477

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.

CodeName	Name	Definition
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

27.1.5.7.7 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1479

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.

27.1.5.7.8 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1478

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.

27.1.5.7.9 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card information.

Datatype: "CardDataReading8Code" on page 1476

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.)

27.1.5.7.10 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]	±		1209
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1209
	Response <Rspn>	[1..1]	CodeSet		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1210

27.1.5.7.10.1 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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

27.1.5.7.10.2 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		1209
	ResponseReason <RspnRsn>	[0..1]	Text		1210
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1210

27.1.5.7.10.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1503

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).

27.1.5.7.10.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1520

27.1.5.7.10.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

27.1.5.7.10.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Min6Max8Text" on page 1524

27.1.6 Identification Information

27.1.6.1 GenericIdentification1

Definition: Information related to an identification, for example party identification or account identification.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1210
	SchemeName <SchmeNm>	[0..1]	Text		1211
	Issuer <Issr>	[0..1]	Text		1211

27.1.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max35Text" on page 1520

27.1.6.1.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

Datatype: "Max35Text" on page 1520

27.1.6.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1520

27.1.6.2 GenericIdentification177

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

27.1.6.2.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1520

27.1.6.2.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 1496

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

27.1.6.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 1496

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

27.1.6.2.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1523

27.1.6.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1520

27.1.6.2.6 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 1388 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1389
	ClientCertificate <CIntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

27.1.6.2.7 Geolocation <Glctn>

Presence: [0..1]

Definition: Location of the entity.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

27.1.6.2.7.1 GeographicCoordinates <GeogcCordints>

Presence: [0..1]

Definition: Geographic location specified by geographic coordinates.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214

27.1.6.2.7.1.1 Latitude <Lat>

Presence: [1..1]

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

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

Datatype: "Max35Text" on page 1520

27.1.6.2.7.1.2 Longitude <Long>

Presence: [1..1]

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

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

Datatype: "Max35Text" on page 1520

27.1.6.2.7.2 UTMCoordinates <UTMCordints>

Presence: [0..1]

Definition: Geographic location specified by UTM coordinates.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

27.1.6.2.7.2.1 UTMZone <UTMZone>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1520

27.1.6.2.7.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1520

27.1.6.2.7.2.3 UTMNorthward <UTMNrthwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1520

27.1.6.3 GenericIdentification176

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

27.1.6.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1520

27.1.6.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 1496

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.

27.1.6.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 1496

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.

CodeName	Name	Definition
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.

27.1.6.3.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1523

27.1.6.3.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1520

27.1.6.4 GenericIdentification90

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

27.1.6.4.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1520

27.1.6.4.2 Type <Tp>

Presence: [1..1]

Definition: Type of identified entity.

Datatype: "PartyType14Code" on page 1496

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	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

27.1.6.4.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 1497

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.

27.1.6.4.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1523

27.1.6.4.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1520

27.1.6.5 GenericIdentification36

Definition: Identification using a proprietary scheme.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1219
	Issuer <Issr>	[1..1]	Text		1219
	SchemeName <SchmeNm>	[0..1]	Text		1219

27.1.6.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 1520

27.1.6.5.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1520

27.1.6.5.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 1520

27.1.6.6 GenericIdentification4

Definition: Information related to an identification, eg, party identification or account identification.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1219
	IdentificationType <IdTp>	[1..1]	Text		1219

27.1.6.6.1 Identification <Id>

Presence: [1..1]

Definition: Identifier issued to a person for which no specific identifier has been defined.

Datatype: "Max35Text" on page 1520

27.1.6.6.2 IdentificationType <IdTp>

Presence: [1..1]

Definition: Specifies the nature of the identifier.

Usage: IdentificationType is used to specify what kind of identifier is used. It should be used in case the identifier is different from the identifiers listed in the pre-defined identifier list.

Datatype: "Max35Text" on page 1520

27.1.6.7 GenericIdentification32

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1220
	Type <Tp>	[0..1]	CodeSet		1220
	Issuer <Issr>	[0..1]	CodeSet		1220
	ShortName <ShrtNm>	[0..1]	Text		1221

27.1.6.7.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1520

27.1.6.7.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType3Code" on page 1497

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.

27.1.6.7.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 1497

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.

27.1.6.7.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1520

27.1.7 Miscellaneous

27.1.7.1 SupplementaryData1

Definition: Additional information that can not be captured in the structured fields and/or any other specific block.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1221
	Envelope <Envlp>	[1..1]	(External Schema)		1221

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.

27.1.7.1.1 PlaceAndName <PlcAndNm>

Presence: [0..1]

Definition: Unambiguous reference to the location where the supplementary data must be inserted in the message instance.

In the case of XML, this is expressed by a valid XPath.

Datatype: "Max350Text" on page 1520

27.1.7.1.2 Envelope <Envlp>

Presence: [1..1]

Definition: Technical element wrapping the supplementary data.

Type: (External Schema)

Technical component that contains the validated supplementary data information. This technical envelope allows to segregate the supplementary data information from any other information.

27.1.7.2 RetailerPaymentResult5

Definition: Payment Data Results.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1225
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1226
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1227
	RequestedTransaction <ReqdTxx>	[0..1]	±		1227
	TransactionResponse <TxRspn>	[0..1]			1232
	AuthorisationResult <AuthstnRslt>	[1..1]			1235
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1235
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1236
	Response <Rspn>	[1..1]	CodeSet		1236
	ResponseReason <RspnRsn>	[0..1]	Text		1236
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1237
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1237
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1237
	TMSTrigger <TMSTrggr>	[0..1]			1237
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1237
	TMSIdentification <TMSId>	[0..1]	Text		1238
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1238
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1238
	Method <Mtd>	[1..1]	CodeSet		1238
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1239
	Result <Rslt>	[0..1]	CodeSet		1239
	AdditionalResult <AddtlRslt>	[0..1]	Text		1240
	AllowedProductCode <AllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1240
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1240
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1241
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountLimit <AmtLmt>	[0..1]	Amount		1241
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1242
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1242
	Balance <Bal>	[0..1]	±		1243
	ProtectedBalance <PrctcdBal>	[0..1]	±		1244
	Action <Actn>	[0..*]			1244
	ActionType <ActnTp>	[1..1]	CodeSet		1244
	MessageToPresent <MsgToPres>	[0..1]	±		1245
	RemoteAccess <RmotAccs>	[0..1]	±		1246
	Retry <Rtry>	[0..1]	±		1247
	TimeCondition <TmCond>	[0..1]	±		1247
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1247
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1249
	TargetCurrency <TrgtCcy>	[1..1]			1249
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1249
	NumericCode <NmrcCd>	[1..1]	Text		1249
	Decimal <Dcml>	[1..1]	Quantity		1249
	Name <Nm>	[0..1]	Text		1250
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1250
	ExchangeRate <XchgRate>	[1..1]	Rate		1250
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1250
	QuotationDate <QtnDt>	[0..1]	DateTime		1250
	ValidFrom <VldFr>	[0..1]	DateTime		1250
	ValidUntil <VldUntil>	[0..1]	DateTime		1250
	SourceCurrency <SrcCcy>	[1..1]			1250
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1251
	NumericCode <NmrcCd>	[0..1]	Text		1251
	Decimal <Dcml>	[0..1]	Quantity		1251
	Name <Nm>	[0..1]	Text		1251
	ApplicableBinRange <ApblBinRg>	[0..*]			1251
	LowerBin <LwrBin>	[1..1]	Text		1252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HigherBin <HghrBin>	[1..1]	Text		1252
	OriginalAmount <OrgnlAmt>	[0..1]			1252
	ActualAmount <ActlAmt>	[0..1]	Amount		1252
	MinimumAmount <MinAmt>	[0..1]	Amount		1252
	MaximumAmount <MaxAmt>	[0..1]	Amount		1252
	CommissionDetails <ComssnDtls>	[0..*]			1253
	Amount <Amt>	[1..1]	Amount		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	MarkUpDetails <MrkUpDtls>	[0..*]			1253
	Rate <Rate>	[1..1]	Rate		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	DeclarationDetails <DclrtDtls>	[0..*]	±		1253
	CustomerOrder <CstmrOrdr>	[0..*]	±		1254
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1255
	ImageFormat <ImgFrmt>	[1..1]	Text		1255
	ImageData <ImgData>	[0..1]	Binary		1255
	ImageReference <ImgRef>	[0..1]	Text		1256
	AdditionalInformation <AddtlInf>	[0..1]	Text		1256
	ProtectedCapturedSignature <PrtctdCaptrdSgntr>	[0..1]	±		1256
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		1256
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C3	1256
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1256

27.1.7.2.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType12Code" on page 1477

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.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

27.1.7.2.2 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service provided by the card payment transaction, in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1479

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

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

27.1.7.2.3 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1478

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.

27.1.7.2.4 RequestedTransaction <ReqdTxx>

Presence: [0..1]

Definition: Data associated with the Transaction.

RequestedTransaction <ReqdTxx> contains the following elements (see
"CardPaymentTransaction127" on page 1161 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1166
	TransactionType <TxTp>	[1..1]	CodeSet		1166
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1167
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1167
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1168
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1168
	TransactionIdentification <TxId>	[1..1]	±		1168
	OriginalTransaction <OrgnlTx>	[0..1]			1168
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1170
	TransactionIdentification <TxId>	[1..1]	±		1170
	POIdentification <POId>	[1..1]	±		1170
	CurrencyConversion <CcyConvs>	[0..1]			1170
	Result <Rslt>	[1..1]	CodeSet		1173
	ResultReason <RsltRsn>	[0..1]	Text		1173
	ConversionDetails <ConvsDtls>	[0..*]			1173
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1175
	TargetCurrency <TrgtCcy>	[1..1]			1175
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1175
	NumericCode <NmrcCd>	[1..1]	Text		1175
	Decimal <Dcml>	[1..1]	Quantity		1175
	Name <Nm>	[0..1]	Text		1175
	ResultingAmount <RsltAmt>	[0..1]	Amount		1176
	ExchangeRate <XchgRate>	[1..1]	Rate		1176
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1176
	QuotationDate <QtnDt>	[0..1]	DateTime		1176
	ValidFrom <VldFr>	[0..1]	DateTime		1176
	ValidUntil <VldUntil>	[0..1]	DateTime		1176
	SourceCurrency <SrcCcy>	[1..1]			1176
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1177

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1177
	Decimal <Dcml>	[0..1]	Quantity		1177
	Name <Nm>	[0..1]	Text		1177
	ApplicableBinRange <AplblBinRg>	[0..*]			1177
	LowerBin <LwrBin>	[1..1]	Text		1178
	HigherBin <HghrBin>	[1..1]	Text		1178
	OriginalAmount <OrgnlAmt>	[0..1]			1178
	ActualAmount <ActlAmt>	[0..1]	Amount		1178
	MinimumAmount <MinAmt>	[0..1]	Amount		1178
	MaximumAmount <MaxAmt>	[0..1]	Amount		1178
	CommissionDetails <ComssnDtls>	[0..*]			1179
	Amount <Amt>	[1..1]	Amount		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	MarkUpDetails <MrkUpDtls>	[0..*]			1179
	Rate <Rate>	[1..1]	Rate		1179
	AdditionalInformation <AddtlInf>	[0..1]	Text		1179
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1179
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1180
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1180
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1180
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1180
	TransactionDetails <TxDtls>	[1..1]			1181
	Currency <Ccy>	[0..1]	CodeSet	C1	1183
	TotalAmount <TtlAmt>	[1..1]	Amount		1184
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1184
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1184
	DetailedAmount <DtldAmt>	[0..1]	±		1184
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1185
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1185
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1185
	ValidityDate <VldtyDt>	[0..1]	Date		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1185
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1186
	AccountType <AcctTp>	[0..1]	CodeSet		1186
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1187
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1189
	Conversion <Convs>	[0..1]			1189
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1191
	TargetCurrency <TrgtCcy>	[1..1]			1191
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1191
	NumericCode <NmrcCd>	[1..1]	Text		1191
	Decimal <Dcml>	[1..1]	Quantity		1191
	Name <Nm>	[0..1]	Text		1191
	ResultingAmount <RsltAmt>	[0..1]	Amount		1192
	ExchangeRate <XchgRate>	[1..1]	Rate		1192
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1192
	QuotationDate <QtnDt>	[0..1]	DateTime		1192
	ValidFrom <VldFr>	[0..1]	DateTime		1192
	ValidUntil <VldUntil>	[0..1]	DateTime		1192
	SourceCurrency <SrcCcy>	[1..1]			1192
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1193
	NumericCode <NmrcCd>	[0..1]	Text		1193
	Decimal <Dcml>	[0..1]	Quantity		1193
	Name <Nm>	[0..1]	Text		1193
	ApplicableBinRange <AplblBinRg>	[0..*]			1193
	LowerBin <LwrBin>	[1..1]	Text		1194
	HigherBin <HghrBin>	[1..1]	Text		1194
	OriginalAmount <OrgnlAmt>	[0..1]			1194
	ActualAmount <ActlAmt>	[0..1]	Amount		1194
	MinimumAmount <MinAmt>	[0..1]	Amount		1194
	MaximumAmount <MaxAmt>	[0..1]	Amount		1194
	CommissionDetails <ComssnDtls>	[0..*]			1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	MarkUpDetails <MrkUpDtls>	[0..*]			1195
	Rate <Rate>	[1..1]	Rate		1195
	AdditionalInformation <AddtlInf>	[0..1]	Text		1195
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1195
	Instalment <Instlmt>	[0..*]	±		1196
	AggregationTransaction <AggtTx>	[0..1]	±		1197
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1198
	SaleItem <SaleItm>	[0..*]	±		1198
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1199
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1199
	AdditionalInformation <AddtlInf>	[0..*]			1199
	Identification <Id>	[1..1]	Text		1200
	Value <Val>	[0..1]	Binary		1200
	ProtectedValue <PrctcdVal>	[0..1]	±		1200
	Type <Tp>	[0..1]	Text		1200
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1200
	AuthorisationResult <AuthstnRslt>	[0..1]			1201
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1201
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1201
	Response <Rspn>	[1..1]	CodeSet		1202
	ResponseReason <RspnRsn>	[0..1]	Text		1202
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1202
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1202
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1202
	CustomerOrder <CstmrOrdr>	[0..1]	±		1202
	CustomerToken <CstmrTkn>	[0..1]	±		1203
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1204
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1204
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1204

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1204
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1204
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1204
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1204

27.1.7.2.5 TransactionResponse <TxRspn>

Presence: [0..1]

Definition: Result of the transaction processing.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction128** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			1235
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1235
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1236
	Response <Rspn>	[1..1]	CodeSet		1236
	ResponseReason <RspnRsn>	[0..1]	Text		1236
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1237
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1237
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1237
	TMSTrigger <TMSTrggr>	[0..1]			1237
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1237
	TMSIdentification <TMSId>	[0..1]	Text		1238
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1238
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1238
	Method <Mtd>	[1..1]	CodeSet		1238
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1239
	Result <Rslt>	[0..1]	CodeSet		1239
	AdditionalResult <AddtlRslt>	[0..1]	Text		1240
	AllowedProductCode <AllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1240
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1240
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1240
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AdditionalAvailableProduct <AddtlAvblPdct>	[0..*]			1241
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AmountLimit <AmtLmt>	[0..1]	Amount		1241
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1242
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1242
	Balance <Bal>	[0..1]	±		1243
	ProtectedBalance <PrctdBal>	[0..1]	±		1244

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..*]			1244
	ActionType <ActnTp>	[1..1]	CodeSet		1244
	MessageToPresent <MsgToPres>	[0..1]	±		1245
	RemoteAccess <RmotAccs>	[0..1]	±		1246
	Retry <Rtry>	[0..1]	±		1247
	TimeCondition <TmCond>	[0..1]	±		1247
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1247
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1249
	TargetCurrency <TrgtCcy>	[1..1]			1249
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1249
	NumericCode <NmrcCd>	[1..1]	Text		1249
	Decimal <Dcml>	[1..1]	Quantity		1249
	Name <Nm>	[0..1]	Text		1250
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1250
	ExchangeRate <XchgRate>	[1..1]	Rate		1250
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1250
	QuotationDate <QtnDt>	[0..1]	DateTime		1250
	ValidFrom <VldFr>	[0..1]	DateTime		1250
	ValidUntil <VldUntil>	[0..1]	DateTime		1250
	SourceCurrency <SrcCcy>	[1..1]			1250
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1251
	NumericCode <NmrcCd>	[0..1]	Text		1251
	Decimal <Dcml>	[0..1]	Quantity		1251
	Name <Nm>	[0..1]	Text		1251
	ApplicableBinRange <AplblBinRg>	[0..*]			1251
	LowerBin <LwrBin>	[1..1]	Text		1252
	HigherBin <HghrBin>	[1..1]	Text		1252
	OriginalAmount <OrgnlAmt>	[0..1]			1252
	ActualAmount <ActlAmt>	[0..1]	Amount		1252
	MinimumAmount <MinAmt>	[0..1]	Amount		1252
	MaximumAmount <MaxAmt>	[0..1]	Amount		1252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1253
	Amount <Amt>	[1..1]	Amount		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	MarkUpDetails <MrkUpDtls>	[0..*]			1253
	Rate <Rate>	[1..1]	Rate		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1253

27.1.7.2.5.1 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]	±		1235
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1236
	Response <Rspn>	[1..1]	CodeSet		1236
	ResponseReason <RspnRsn>	[0..1]	Text		1236
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1237
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1237
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1237
	TMSTrigger <TMSTrggr>	[0..1]			1237
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1237
	TMSIdentification <TMSId>	[0..1]	Text		1238
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1238

27.1.7.2.5.1.1 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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1217
	Type <Tp>	[1..1]	CodeSet		1217
	Issuer <Issr>	[0..1]	CodeSet		1218
	Country <Ctry>	[0..1]	Text		1218
	ShortName <ShrtNm>	[0..1]	Text		1218

27.1.7.2.5.1.2 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		1236
	ResponseReason <RspnRsn>	[0..1]	Text		1236
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1237

27.1.7.2.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1503

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).

27.1.7.2.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 1520

27.1.7.2.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1519

27.1.7.2.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1523

27.1.7.2.5.1.4 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 1516):

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

27.1.7.2.5.1.5 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		1237
	TMSIdentification <TMSId>	[0..1]	Text		1238
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1238

27.1.7.2.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1508

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.

27.1.7.2.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.2.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1514

27.1.7.2.5.2 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

Definition: Result of the verifications performed by the issuer to deliver or decline the authorisation.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1238
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1239
	Result <RsIt>	[0..1]	CodeSet		1239
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1240

27.1.7.2.5.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1470

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.

CodeName	Name	Definition
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

27.1.7.2.5.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1470

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.

27.1.7.2.5.2.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1513

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.

27.1.7.2.5.2.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1521

27.1.7.2.5.3 AllowedProductCode <AllwdPdctCd>

Presence: [0..*]

Definition: Product code which are allowed by the payment card.

AllowedProductCode <AllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1240
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1240

27.1.7.2.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1522

27.1.7.2.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

27.1.7.2.5.4 NotAllowedProductCode <NotAllwdPdctCd>

Presence: [0..*]

Definition: Product code not allowed by the payment card.

NotAllowedProductCode <NotAllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241

27.1.7.2.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1522

27.1.7.2.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

27.1.7.2.5.5 AdditionalAvailableProduct <AddtlAvlblPdct>

Presence: [0..*]

Definition: Products that may be added to the purchase after the authorisation.

AdditionalAvailableProduct <AddtlAvlblPdct> contains the following **Product5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1241
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1241
	AmountLimit <AmtLmt>	[0..1]	Amount		1241
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1242
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1242

27.1.7.2.5.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1522

27.1.7.2.5.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

27.1.7.2.5.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.2.5.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1516

27.1.7.2.5.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1511

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.

CodeName	Name	Definition
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
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.

27.1.7.2.5.6 Balance <Bal>

Presence: [0..1]

Definition: Balance and currency code of the account, related to the payment.

Balance <Bal> contains the following elements (see "[AmountAndDirection93](#)" on page 960 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		960
	Currency <Ccy>	[1..1]	CodeSet	C1	960
	Sign <Sgn>	[0..1]	Indicator		961

27.1.7.2.5.7 ProtectedBalance <PrtctdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrtctdBal> contains the following elements (see "[ContentInformationType35](#)" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.7.2.5.8 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed by the POI (Point Of Interaction) system.

Action <Actn> contains the following **Action14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1244
	MessageToPresent <MsgToPres>	[0..1]	±		1245
	RemoteAccess <RmotAccs>	[0..1]	±		1246
	Retry <Rtry>	[0..1]	±		1247
	TimeCondition <TmCond>	[0..1]	±		1247

27.1.7.2.5.8.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Type of action to be performed by the POI (Point Of Interaction) system.

Datatype: "[ActionType13Code](#)" on page 1460

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.

CodeName	Name	Definition
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.

27.1.7.2.5.8.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.7.2.5.8.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 1388 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1389
	ClientCertificate <CIntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

27.1.7.2.5.8.4 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 1450 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		1450
	MaximumNumber <MaxNb>	[0..1]	Quantity		1450
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1450

27.1.7.2.5.8.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 1451 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		1451
	EndTime <EndTm>	[0..1]	DateTime		1451
	Period <Prd>	[0..1]	Text		1451
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1451

27.1.7.2.5.9 CurrencyConversionEligibility <CcyConvseElgblty>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

CurrencyConversionEligibility <CcyConvslElgblty> contains the following **CurrencyConversion26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1249
	TargetCurrency <TrgtCcy>	[1..1]			1249
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1249
	NumericCode <NmrcCd>	[1..1]	Text		1249
	Decimal <Dcml>	[1..1]	Quantity		1249
	Name <Nm>	[0..1]	Text		1250
	ResultingAmount <RsltAmt>	[0..1]	Amount		1250
	ExchangeRate <XchgRate>	[1..1]	Rate		1250
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1250
	QuotationDate <QtnDt>	[0..1]	DateTime		1250
	ValidFrom <VldFr>	[0..1]	DateTime		1250
	ValidUntil <VldUntil>	[0..1]	DateTime		1250
	SourceCurrency <SrcCcy>	[1..1]			1250
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1251
	NumericCode <NmrcCd>	[0..1]	Text		1251
	Decimal <Dcml>	[0..1]	Quantity		1251
	Name <Nm>	[0..1]	Text		1251
	ApplicableBinRange <AplblBinRg>	[0..*]			1251
	LowerBin <LwrBin>	[1..1]	Text		1252
	HigherBin <HghrBin>	[1..1]	Text		1252
	OriginalAmount <OrgnlAmt>	[0..1]			1252
	ActualAmount <ActlAmt>	[0..1]	Amount		1252
	MinimumAmount <MinAmt>	[0..1]	Amount		1252
	MaximumAmount <MaxAmt>	[0..1]	Amount		1252
	CommissionDetails <ComssnDtls>	[0..*]			1253
	Amount <Amt>	[1..1]	Amount		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253
	MarkUpDetails <MrkUpDtls>	[0..*]			1253
	Rate <Rate>	[1..1]	Rate		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1253

27.1.7.2.5.9.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.2.5.9.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1249
	NumericCode <NmrcCd>	[1..1]	Text		1249
	Decimal <Dcml>	[1..1]	Quantity		1249
	Name <Nm>	[0..1]	Text		1250

27.1.7.2.5.9.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.7.2.5.9.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.7.2.5.9.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1516

27.1.7.2.5.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.7.2.5.9.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.2.5.9.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 1517

27.1.7.2.5.9.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1517

27.1.7.2.5.9.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1514

27.1.7.2.5.9.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 1514

27.1.7.2.5.9.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1514

27.1.7.2.5.9.9 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	1251
	NumericCode <NmrcCd>	[0..1]	Text		1251
	Decimal <Dcml>	[0..1]	Quantity		1251
	Name <Nm>	[0..1]	Text		1251

27.1.7.2.5.9.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.7.2.5.9.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1517

27.1.7.2.5.9.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1516

27.1.7.2.5.9.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1520

27.1.7.2.5.9.10 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		1252
	HigherBin <HghrBin>	[1..1]	Text		1252

27.1.7.2.5.9.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.7.2.5.9.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 1519

27.1.7.2.5.9.11 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		1252
	MinimumAmount <MinAmt>	[0..1]	Amount		1252
	MaximumAmount <MaxAmt>	[0..1]	Amount		1252

27.1.7.2.5.9.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.2.5.9.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.2.5.9.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.2.5.9.12 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		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253

27.1.7.2.5.9.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.2.5.9.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1520

27.1.7.2.5.9.13 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		1253
	AdditionalInformation <AddtlInf>	[0..1]	Text		1253

27.1.7.2.5.9.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1517

27.1.7.2.5.9.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1520

27.1.7.2.5.9.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrCdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.7.2.6 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 1366 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1366
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1366
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1367
	StartDate <StartDt>	[1..1]	DateTime		1367
	EndDate <EndDt>	[0..1]	DateTime		1367
	Unit <Unit>	[0..1]	CodeSet		1367
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1367
	CurrentAmount <CurAmt>	[0..1]	Amount		1367
	Currency <Ccy>	[0..1]	CodeSet	C1	1367
	AccessedBy <AccsdBy>	[0..1]	Text		1368
	AdditionalInformation <AddtlInf>	[0..1]	Text		1368

27.1.7.2.7 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		1255
	ImageData <ImgData>	[0..1]	Binary		1255
	ImageReference <ImgRef>	[0..1]	Text		1256
	AdditionalInformation <AddtlInf>	[0..1]	Text		1256

27.1.7.2.7.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "Max35Text" on page 1520

27.1.7.2.7.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "Max2MBBinary" on page 1459

27.1.7.2.7.3 ImageReference <ImgRef>

Presence: [0..1]

Definition: URL or name of the image.

Datatype: "Max500Text" on page 1521

27.1.7.2.7.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information for the image.

Datatype: "Max140Text" on page 1519

27.1.7.2.8 ProtectedCapturedSignature <PrctcdCaptrdSgntr>

Presence: [0..1]

Definition: Protected value of a handwritten signature.

ProtectedCapturedSignature <PrctcdCaptrdSgntr> contains the following elements (see "ContentInformationType35" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.7.2.9 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 1516):

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

27.1.7.2.10 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1489

Constraints

- **ValidationByTable**
Must be a valid terrestrial language.

27.1.7.2.11 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 1516):

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

27.1.7.3 RecurringTransaction5

Definition: Financial loan (instalment) or a recurring transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1257
	PlanIdentification <PlanId>	[0..1]	Text		1258
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1258
	SequenceNumber <SeqNb>	[0..1]	Quantity		1258
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1258
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1259
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1259
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1259
	TotalAmount <TtlAmt>	[0..1]	Amount	C7	1259
	FirstAmount <FrstAmt>	[0..1]	Amount		1259
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1259
	LastAmount <LastAmt>	[0..1]	Amount		1260
	Charges <Chrgs>	[0..1]	Amount		1260
	DetailedCharges <DtldChrgs>	[0..*]	±		1260
	InterestRate <IntrstRate>	[0..*]			1260
	Type <Tp>	[0..1]	CodeSet		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261
	GracePeriod <GracePrd>	[0..*]	±		1261
	PlanNotice <PlanNtce>	[0..*]	±		1261

27.1.7.3.1 InstalmentPlan <InstlmtPlan>

Presence: [0..*]

Definition: Type of instalment plan.

Datatype: "InstalmentPlan1Code" on page 1487

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.

27.1.7.3.2 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the instalment plan.

Datatype: "Max35Text" on page 1520

27.1.7.3.3 PlanOwner <PlanOwnr>

Presence: [0..1]

Definition: Type of the Plan Owner.

Datatype: "PlanOwner1Code" on page 1499

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.

27.1.7.3.4 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the recurring/instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

Datatype: "Number" on page 1516

27.1.7.3.5 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 1485

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.

CodeName	Name	Definition
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.

27.1.7.3.6 InstalmentPeriod <InstlmtPrd>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 1516

27.1.7.3.7 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 1516

27.1.7.3.8 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 1514

27.1.7.3.9 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Cumulative amount of all the instalments.

Impacted by: C7 "ValidationByTable"

Datatype: "CurrencyAndAmount" on page 1457

Constraints

- **ValidationByTable**

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

27.1.7.3.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.3.11 SubsequentAmount <SbsqntAmt>

Presence: [0..1]

Definition: Amount of subsequent payments but the first one.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.3.12 LastAmount <LastAmt>

Presence: [0..1]

Definition: Amount of the last payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.3.13 Charges <Chrgs>

Presence: [0..1]

Definition: Charges related to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.3.14 DetailedCharges <DtldChrgs>

Presence: [0..*]

Definition: Contains the charge details of an instalment plan.

DetailedCharges <DtldChrgs> contains the following elements (see "InstalmentAmountDetails1" on page 961 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		961
	OtherType <OthrTp>	[0..1]	Text		961
	SubType <SubTp>	[0..1]	Text		962
	Amount <Amt>	[0..1]	±		962
	Percentage <Pctg>	[0..1]	Rate		962

27.1.7.3.15 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		1260
	OtherType <OthrTp>	[0..1]	Text		1261
	Period <Prd>	[1..1]	CodeSet		1261
	Rate <Rate>	[1..1]	Rate		1261

27.1.7.3.15.1 Type <Tp>

Presence: [0..1]

Definition: Interest rate applicable to the instalment.

Datatype: "InterestRate1Code" on page 1488

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

27.1.7.3.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 1520

27.1.7.3.15.3 Period <Prd>

Presence: [1..1]

Definition: Contains instalment period

Datatype: "InstalmentPeriod1Code" on page 1487

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

27.1.7.3.15.4 Rate <Rate>

Presence: [1..1]

Definition: Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

Datatype: "BaseOneRate" on page 1517

27.1.7.3.16 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "GracePeriod1" on page 966 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		967
	UnitType <UnitTp>	[1..1]	CodeSet		967
	OtherUnitType <OthrUnitTp>	[0..1]	Text		967

27.1.7.3.17 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the InstalmentPlan.

PlanNotice <PlanNtce> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.7.4 PaymentReceipt5

Definition: Customer or merchant receipts generated by the POI system.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1262
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1263
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1263
	OutputContent <OutptCntt>	[1..1]	±		1263

27.1.7.4.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 1483

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).

CodeName	Name	Definition
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.

27.1.7.4.2 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 1516](#)):

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

27.1.7.4.3 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 1516](#)):

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

27.1.7.4.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "ActionMessage10" on page 1339 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBracd>	[0..1]			1341
	BarcodeType <BracdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BracdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.7.5 CardPaymentEnvironment79

Definition: Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1270
	ServiceProvider <SvcPrvdr>	[0..1]	±		1270
	Merchant <Mrchnt>	[0..1]			1270
	Identification <Id>	[0..1]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272
	POI <POI>	[0..1]			1272
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275
	Card <Card>	[0..1]			1277
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281
	Check <Chck>	[0..1]			1281
	BankIdentification <Bkld>	[0..1]	Text		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283
	StoredValueAccount <StordValAcct>	[0..*]			1283
	AccountType <AcctTp>	[0..1]	CodeSet		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287
	LoyaltyAccount <LtyAcct>	[0..*]	±		1287
	CustomerDevice <CstmrDvc>	[0..1]	±		1287
	Wallet <Wlt>	[0..1]	±		1287
	PaymentToken <PmtTkn>	[0..1]	±		1288
	MerchantToken <MrchntTkn>	[0..1]	±		1288
	Cardholder <Crdhldr>	[0..1]			1289
	Identification <Id>	[0..1]			1293

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BlgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <CrdhldrId>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <DrvrId>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <Rslt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRslt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316
	ProtectedCardholderData <PrctcdCrdrhldrData>	[0..1]	±		1316

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1317
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1319

27.1.7.5.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Acquirer involved in the card payment.

Acquirer <Acqrr> contains the following elements (see "Acquirer10" on page 957 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		957
	ParametersVersion <ParamsVrsn>	[0..1]	Text		957

27.1.7.5.2 ServiceProvider <SvcPrvdr>

Presence: [0..1]

Definition: Third party agent which provides services.

ServiceProvider <SvcPrvdr> contains the following elements (see "Acquirer10" on page 957 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		957
	ParametersVersion <ParamsVrsn>	[0..1]	Text		957

27.1.7.5.3 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]	±		1271
	CommonName <CmonNm>	[0..1]	Text		1271
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1271
	LocationAndContact <LctnAndCtct>	[0..1]	±		1272
	SchemeData <SchmeData>	[0..1]	Text		1272

27.1.7.5.3.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the merchant.

Identification <Id> contains the following elements (see "[GenericIdentification32](#)" on page 1220 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1220
	Type <Tp>	[0..1]	CodeSet		1220
	Issuer <Issr>	[0..1]	CodeSet		1220
	ShortName <ShrtNm>	[0..1]	Text		1221

27.1.7.5.3.2 CommonName <CmonNm>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 1522

27.1.7.5.3.3 LocationCategory <LctnCtgy>

Presence: [0..1]

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

Datatype: "[LocationCategory4Code](#)" on page 1490

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.

CodeName	Name	Definition
VIRT	VirtualShop	Virtual Shop is used for any ecommerce solution.

27.1.7.5.3.4 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 958 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		959
	Email <Email>	[0..1]	Text		959
	URLAddress <URLAdr>	[0..1]	Text		959
	Phone <Phne>	[0..1]	Text		960
	CustomerService <CstmrSvc>	[0..1]	Text		960
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		960

27.1.7.5.3.5 SchemeData <SchmeData>

Presence: [0..1]

Definition: Additional merchant data required by a card scheme.

Datatype: "Max140Text" on page 1519

27.1.7.5.4 POI <POI>

Presence: [0..1]

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

POI <POI> contains the following **PointOfInteraction13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1272
	SystemName <SysNm>	[0..1]	Text		1273
	GroupIdentification <Grpld>	[0..1]	Text		1273
	Capabilities <Cpblties>	[0..1]	±		1273
	TimeZone <TmZone>	[0..1]	Text		1274
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1274
	Component <Cmpnt>	[0..*]	±		1275

27.1.7.5.4.1 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 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1215

27.1.7.5.4.2 SystemName <SysNm>

Presence: [0..1]

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

Datatype: "[Max70Text](#)" on page 1522

27.1.7.5.4.3 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 1520

27.1.7.5.4.4 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 1368 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		1369
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		1369
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		1370
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1370
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1370
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1370
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		1370
	MessageCapabilities <MsgCpblties>	[0..*]			1371
	Destination <Dstn>	[1..*]	CodeSet		1371
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1371
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1372
	LineWidth <LineWidth>	[0..1]	Quantity		1372
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1372

27.1.7.5.4.5 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 1522

27.1.7.5.4.6 TerminalIntegration <TermnlIntgtn>

Presence: [0..1]

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

Datatype: "LocationCategory3Code" on page 1489

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

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

27.1.7.5.4.7 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 "PointOfInteractionComponent14" on page 1344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1346
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		1347
	Identification <Id>	[1..1]			1348
	ItemNumber <ItmNb>	[0..1]	Text		1348
	ProviderIdentification <PrvdrId>	[0..1]	Text		1348
	Identification <Id>	[0..1]	Text		1348
	SerialNumber <SrlNb>	[0..1]	Text		1348
	Status <Sts>	[0..1]			1348
	VersionNumber <VrsnNb>	[0..1]	Text		1349
	Status <Sts>	[0..1]	CodeSet		1349
	ExpiryDate <XpryDt>	[0..1]	Date		1349
	StandardCompliance <StdCmplc>	[0..*]			1349
	Identification <Id>	[1..1]	Text		1349
	Version <Vrsn>	[1..1]	Text		1350
	Issuer <Issr>	[1..1]	Text		1350
	Characteristics <Chrtcs>	[0..1]			1350
	Memory <Mmry>	[0..*]			1351
	Identification <Id>	[1..1]	Text		1352
	TotalSize <TtlSz>	[1..1]	Quantity		1352
	FreeSize <FreeSz>	[1..1]	Quantity		1352
	Unit <Unit>	[1..1]	CodeSet		1352
	Communication <Com>	[0..*]			1352
	CommunicationType <ComTp>	[1..1]	CodeSet		1353
	RemoteParty <RmotPty>	[1..*]	CodeSet		1354
	Active <Actv>	[1..1]	Indicator		1354
	Parameters <Params>	[0..1]	±		1354
	PhysicalInterface <PhysIntrfc>	[0..1]			1355
	InterfaceName <IntrfcNm>	[1..1]	Text		1355
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1355
	UserName <UsrNm>	[0..1]	Text		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		1356
	SecurityProfile <SctyPrfl>	[0..1]	Text		1356
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1356
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1357
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1357
	SecurityElement <SctyElmt>	[0..*]	±		1357
	Assessment <Assmnt>	[0..*]			1357
	Type <Tp>	[1..1]	CodeSet		1358
	Assigner <Assgnr>	[1..*]	Text		1358
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		1358
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1358
	Number <Nb>	[1..1]	Text		1358
	Package <Packg>	[0..*]			1359
	PackageIdentification <PackgId>	[0..1]	±		1359
	PackageLength <PackgLngh>	[0..1]	Quantity		1359
	OffsetStart <OffsetStart>	[0..1]	Quantity		1359
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1360
	PackageBlock <PackgBlck>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361

27.1.7.5.5 Card <Card>

Presence: [0..1]

Definition: Payment card performing the transaction.

Card <Card> contains the following **PaymentCard33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1278
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1278
	PlainCardData <PlainCardData>	[0..1]	±		1278
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1279
	MaskedPAN <MskdPAN>	[0..1]	Text		1279
	IssuerBIN <IssrBIN>	[0..1]	Text		1279
	CardCountryCode <CardCtryCd>	[0..1]	Text		1279
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1279
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1280
	CardBrand <CardBrnd>	[0..1]	Text		1280
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1280
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1280
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1280
	AllowedProduct <AllwdPdct>	[0..*]	Text		1280
	ServiceOption <SvcOptn>	[0..1]	Text		1281
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1281

27.1.7.5.5.1 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 "[ContentInformationType35](#)" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.7.5.5.2 PrivateCardData <PrvtCardData>

Presence: [0..1]

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

Datatype: "[Max100KBinary](#)" on page 1458

27.1.7.5.5.3 PlainCardData <PlainCardData>

Presence: [0..1]

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

PlainCardData <PlainCardData> contains the following elements (see "PlainCardData15" on page 965 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		965
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		965
	EffectiveDate <FctvDt>	[0..1]	Text		965
	ExpiryDate <XpryDt>	[1..1]	Text		966
	ServiceCode <SvcCd>	[0..1]	Text		966
	Track1 <Trck1>	[0..1]	Text		966
	Track2 <Trck2>	[0..1]	Text		966
	Track3 <Trck3>	[0..1]	Text		966
	CardholderName <CrdhldrNm>	[0..1]	Text		966

27.1.7.5.5.4 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 1522

27.1.7.5.5.5 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 1520

27.1.7.5.5.6 IssuerBIN <IssrBIN>

Presence: [0..1]

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

Datatype: "Max15NumericText" on page 1519

27.1.7.5.5.7 CardCountryCode <CardCtryCd>

Presence: [0..1]

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

Datatype: "Max3Text" on page 1521

27.1.7.5.5.8 CardCurrencyCode <CardCcyCd>

Presence: [0..1]

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

Datatype: "Exact3AlphaNumericText" on page 1517

27.1.7.5.5.9 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 1520

27.1.7.5.5.10 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1520

27.1.7.5.5.11 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "CardProductType1Code" on page 1480

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.

27.1.7.5.5.12 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Additional information to identify CardProduct.

Datatype: "Max35Text" on page 1520

27.1.7.5.5.13 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 1516):

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

27.1.7.5.5.14 AllowedProduct <AllwdPdct>

Presence: [0..*]

Definition: Product that can be purchased with the card.

Datatype: "Max70Text" on page 1522

27.1.7.5.5.15 ServiceOption <SvcOptn>

Presence: [0..1]

Definition: Options to the service provided by the card.

Datatype: "Max35Text" on page 1520

27.1.7.5.5.16 AdditionalCardData <AddtlCardData>

Presence: [0..1]

Definition: Additional card issuer specific data.

Datatype: "Max70Text" on page 1522

27.1.7.5.6 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		1281
	AccountNumber <AcctNb>	[0..1]	Text		1281
	CheckNumber <ChckNb>	[0..1]	Text		1281
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1282
	CheckTrackData2 <ChckTrckData2>	[0..1]			1282
	TrackNumber <TrckNb>	[0..1]	Quantity		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283
	CheckType <ChckTp>	[0..1]	CodeSet		1283
	Country <Ctry>	[0..1]	Text		1283

27.1.7.5.6.1 BankIdentification <Bkld>

Presence: [0..1]

Definition: Identification of the institution (bank) issuing the check.

Datatype: "Max35Text" on page 1520

27.1.7.5.6.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Identification of the account linked to the check.

Datatype: "Max35Text" on page 1520

27.1.7.5.6.3 CheckNumber <ChckNb>

Presence: [0..1]

Definition: Identification of the check.

Datatype: "Max35Text" on page 1520

27.1.7.5.6.4 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 1520

27.1.7.5.6.5 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		1282
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1282
	TrackValue <TrckVal>	[1..1]	Text		1283

27.1.7.5.6.5.1 TrackNumber <TrckNb>

Presence: [0..1]

Definition: Track number of the card.

Datatype: "Number" on page 1516

27.1.7.5.6.5.2 TrackFormat <TrckFrmt>

Presence: [0..1]

Definition: Card or check track format.

Datatype: "TrackFormat1Code" on page 1509

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.

CodeName	Name	Definition
JIS2	JISIIFormat	Japanese track format II.

27.1.7.5.6.5.3 TrackValue <TrckVal>

Presence: [1..1]

Definition: Card track content or equivalent.

Datatype: "Max140Text" on page 1519

27.1.7.5.6.6 CheckType <ChckTp>

Presence: [0..1]

Definition: Type of the check (personal or professional).

Datatype: "CheckType1Code" on page 1480

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.

27.1.7.5.6.7 Country <Ctry>

Presence: [0..1]

Definition: Country of the check.

Datatype: "Max3Text" on page 1521

27.1.7.5.7 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		1284
	IdentificationType <IdTp>	[0..1]	CodeSet		1285
	Identification <Id>	[0..1]	Text		1285
	Brand <Brnd>	[0..1]	Text		1285
	Provider <Prvdr>	[0..1]	Text		1285
	OwnerName <OwnrNm>	[0..1]	Text		1285
	ExpiryDate <XpryDt>	[0..1]	Text		1286
	EntryMode <NtryMd>	[0..1]	CodeSet		1286
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	Balance <Bal>	[0..1]	Amount		1287

27.1.7.5.7.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1507

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.

27.1.7.5.7.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 1477

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.

27.1.7.5.7.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 1520

27.1.7.5.7.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1520

27.1.7.5.7.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 1520

27.1.7.5.7.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1521

27.1.7.5.7.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 1518

27.1.7.5.7.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 1476

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.)

27.1.7.5.7.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.7.5.7.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.5.8 LoyaltyAccount <LtyAcct>

Presence: [0..*]

Definition: Store value account associated to the payment.

LoyaltyAccount <LtyAcct> contains the following elements (see "LoyaltyAccount3" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1361
	EntryMode <NtryMd>	[0..1]	CodeSet		1361
	IdentificationType <IdTp>	[0..1]	CodeSet		1362
	Brand <Brnd>	[0..1]	Text		1362
	Provider <Prvdr>	[0..1]	Text		1363
	OwnerName <OwnrNm>	[0..1]	Text		1363
	Unit <Unit>	[0..1]	CodeSet		1363
	Currency <Ccy>	[0..1]	CodeSet	C1	1363
	Balance <Bal>	[0..1]	Amount		1363

27.1.7.5.9 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 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1366
	Type <Tp>	[0..1]	Text		1366
	Provider <Prvdr>	[0..1]	Text		1366

27.1.7.5.10 Wallet <WlIt>

Presence: [0..1]

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

Wallet <Wlt> contains the following elements (see "[CustomerDevice3](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1366
	Type <Tp>	[0..1]	Text		1366
	Provider <Prvdr>	[0..1]	Text		1366

27.1.7.5.11 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Payment token information.

PaymentToken <PmtTkn> contains the following elements (see "[Token1](#)" on page 1452 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1452
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1452
	TokenRequestorIdentification <TknRqstrId>	[0..1]	Text		1452
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1452
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1452
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1453

27.1.7.5.12 MerchantToken <MrchntTkn>

Presence: [0..1]

Definition: Merchant token information.

MerchantToken <MrchntTkn> contains the following elements (see "[MerchantToken2](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1453
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1453
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1453
	TokenRequestor <TknRqstr>	[0..1]			1454
	ProviderIdentification <PrvdrId>	[1..1]	Text		1454
	RequestorIdentification <RqstrId>	[1..1]	Text		1454
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1454
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1454
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1454
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1454

27.1.7.5.13 Cardholder <Crdhdr>

Presence: [0..1]

Definition: Cardholder involved in the card payment.

Cardholder <Crhdldr> contains the following **Cardholder20** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			1293
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296
	Name <Nm>	[0..1]	Text		1296
	Language <Lang>	[0..1]	CodeSet	C3	1296
	BillingAddress <BllgAdr>	[0..1]	±		1297
	ShippingAddress <ShppgAdr>	[0..1]	±		1297
	TripNumber <TripNb>	[0..1]	Text		1298
	Vehicle <Vhcl>	[0..1]	±		1298
	Authentication <Authntcn>	[0..*]			1299
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBick>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <Crhdldrld>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <Drvrld>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1310
	Method <Mtd>	[1..1]	CodeSet		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <Rslt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRslt>	[0..1]	Text		1312
	PersonalData <PrsnlData>	[0..1]	Text		1313
	MobileData <MobData>	[0..*]			1313
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315
	SensitiveMobileData <SnstvMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1316

27.1.7.5.13.1 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		1293
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1293
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1294
	DriverIdentification <DrvrId>	[0..1]	Text		1294
	CustomerNumber <CstmrNb>	[0..1]	Text		1294
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		1294
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1294
	PassportNumber <PsptNb>	[0..1]	Text		1294
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1294
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1294
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1295
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1295
	JobNumber <JobNb>	[0..1]	Text		1295
	Department <Dept>	[0..1]	Text		1295
	EmailAddress <EmailAdr>	[0..1]	Text		1295
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1295
	BirthDate <BirthDt>	[1..1]	Date		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296
	Other <Othr>	[0..*]	±		1296

27.1.7.5.13.1.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.4 DriverIdentification <DrvrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.5 CustomerNumber <CstmrNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.6 SocialSecurityNumber <SciSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.8 PassportNumber <PsptNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.12 EmployeeIdentificationNumber <MplyeIdNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.15 EmailAddress <EmailAdr>

Presence: [0..1]

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

Datatype: "Max256Text" on page 1519

27.1.7.5.13.1.16 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		1295
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1296
	CityOfBirth <CityOfBirth>	[1..1]	Text		1296
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1296

27.1.7.5.13.1.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 1514

27.1.7.5.13.1.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.1.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1481

Constraints

- **Country**

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

27.1.7.5.13.1.17 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 1219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1219
	IdentificationType <IdTp>	[1..1]	Text		1219

27.1.7.5.13.2 Name <Nm>

Presence: [0..1]

Definition: Cardholder name associated with the card.

Datatype: "Max45Text" on page 1521

27.1.7.5.13.3 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: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1489

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.1.7.5.13.4 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 1391 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1392
	Department <Dept>	[0..1]	Text		1392
	SubDepartment <SubDept>	[0..1]	Text		1392
	AddressLine <AdrLine>	[0..2]	Text		1392
	StreetName <StrtNm>	[0..1]	Text		1393
	BuildingNumber <BldgNb>	[0..1]	Text		1393
	PostCode <PstCd>	[0..1]	Text		1393
	TownName <TwnNm>	[0..1]	Text		1393
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1393
	CountryCode <CtryCd>	[0..1]	Text		1393

27.1.7.5.13.5 ShippingAddress <ShppgAdr>

Presence: [0..1]

Definition: Postal address for delivery of goods or services.

ShippingAddress <ShppgAdr> contains the following elements (see "PostalAddress22" on page 1391 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1392
	Department <Dept>	[0..1]	Text		1392
	SubDepartment <SubDept>	[0..1]	Text		1392
	AddressLine <AdrLine>	[0..2]	Text		1392
	StreetName <StrtNm>	[0..1]	Text		1393
	BuildingNumber <BldgNb>	[0..1]	Text		1393
	PostCode <PstCd>	[0..1]	Text		1393
	TownName <TwnNm>	[0..1]	Text		1393
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1393
	CountryCode <CtryCd>	[0..1]	Text		1393

27.1.7.5.13.6 TripNumber <TripNb>

Presence: [0..1]

Definition: Identification of the trip.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.7 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 1379 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		1380
	TrailerNumber <TrlrNb>	[0..1]	Text		1380
	VehicleTag <VhclTag>	[0..1]	Text		1381
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		1381
	UnitNumber <UnitNb>	[0..1]	Text		1381
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		1381
	Odometer <Odmtr>	[0..1]	Quantity		1381
	Hubometer <Hbmtr>	[0..1]	Quantity		1382
	TrailerHours <TrlrHrs>	[0..1]	Text		1382
	ReferHours <RefrHrs>	[0..1]	Text		1382
	Maintenanceldentification <Mntncld>	[0..1]	Text		1382
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			1382
	PAN <PAN>	[0..1]	Text		1382
	Track1 <Trck1>	[0..1]	Text		1383
	Track2 <Trck2>	[0..1]	Text		1383
	Track3 <Trck3>	[0..1]	Text		1383
	AdditionalCardData <AddtlCardData>	[0..*]	Text		1383
	EntryMode <NtryMd>	[0..1]	CodeSet		1383
	AdditionalVehicleData <AddtlVhclData>	[0..*]			1384
	Type <Tp>	[0..1]	Text		1384
	EntryMode <NtryMd>	[0..1]	CodeSet		1384
	Data <Data>	[1..1]	Text		1385

27.1.7.5.13.8 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 **CardholderAuthentication16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1301
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1302
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1303
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1303
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1303
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304
	CardholderIdentification <CrhdldrId>	[0..1]			1304
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <DrvrId>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308
	AddressVerification <AdrVrfctn>	[0..1]			1308

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1309
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1309
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1309
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1309
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310

27.1.7.5.13.8.1 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 1471

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.

27.1.7.5.13.8.2 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 1484

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.

27.1.7.5.13.8.3 AuthenticationValue <AuthntcnVal>

Presence: [0..1]

Definition: Value used to authenticate the cardholder.

Datatype: "Max5000Binary" on page 1459

27.1.7.5.13.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

Presence: [0..1]

Definition: Protection of the authentication value.

ProtectedAuthenticationValue <PrctcdAuthntcnVal> contains the following elements (see "ContentInformationType35" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.7.5.13.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

Presence: [0..1]

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

CardholderOnLinePIN <CrdhldrOnLinePIN> contains the following **OnLinePIN10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1303
	PINFormat <PINFrmt>	[1..1]	CodeSet		1304
	AdditionalInput <AddtlInpt>	[0..1]	Text		1304

27.1.7.5.13.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see
"ContentInformationType35" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.7.5.13.8.5.2 PINFormat <PINFrmt>

Presence: [1..1]

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

Datatype: "PINFormat3Code" on page 1498

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.

27.1.7.5.13.8.5.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6 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		1305
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1305
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1305
	DriverIdentification <DrvrId>	[0..1]	Text		1306
	CustomerNumber <CstmrNb>	[0..1]	Text		1306
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1306
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1306
	PassportNumber <PsptNb>	[0..1]	Text		1306
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1306
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1306
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1306
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1307
	JobNumber <JobNb>	[0..1]	Text		1307
	Department <Dept>	[0..1]	Text		1307
	EmailAddress <EmailAdr>	[0..1]	Text		1307
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1307
	BirthDate <BirthDt>	[1..1]	Date		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308
	Other <Othr>	[0..*]	±		1308

27.1.7.5.13.8.6.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.4 DriverIdentification <DrvrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.5 CustomerNumber <CstmrNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.6 SocialSecurityNumber <ScIStctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.8 PassportNumber <PsptNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.15 EmailAddress <EmailAdr>

Presence: [0..1]

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

Datatype: "Max256Text" on page 1519

27.1.7.5.13.8.6.16 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		1307
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1307
	CityOfBirth <CityOfBirth>	[1..1]	Text		1308
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C2	1308

27.1.7.5.13.8.6.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 1514

27.1.7.5.13.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.8.6.16.4 CountryOfBirth <CtrOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1481

Constraints

- **Country**

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

27.1.7.5.13.8.6.17 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 1219 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1219
	IdentificationType <IdTp>	[1..1]	Text		1219

27.1.7.5.13.8.7 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		1308
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1309

27.1.7.5.13.8.7.1 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 1522

27.1.7.5.13.8.7.2 PostalCodeDigits <PstlCdDgts>

Presence: [0..1]

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

Datatype: "Max5NumericText" on page 1522

27.1.7.5.13.8.8 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 1520

27.1.7.5.13.8.9 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 1520

27.1.7.5.13.8.10 AuthenticationResult <AuthntcnRslt>

Presence: [0..1]

Definition: Result of authentication.

Datatype: "AuthenticationResult1Code" on page 1473

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.

27.1.7.5.13.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

Presence: [0..1]

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

AuthenticationAdditionalInformation <AuthntcnAddtlInf> contains the following
ExternallyDefinedData4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1310
	Value <Val>	[0..1]	Binary		1310
	ProtectedValue <PrctcdVal>	[0..1]	±		1310
	Type <Tp>	[0..1]	Text		1310

27.1.7.5.13.8.11.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

27.1.7.5.13.8.11.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

27.1.7.5.13.8.11.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType34" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

27.1.7.5.13.8.11.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1518

27.1.7.5.13.9 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		1311
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1312
	Result <RsIt>	[0..1]	CodeSet		1312
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1312

27.1.7.5.13.9.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1470

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.

27.1.7.5.13.9.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1470

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.

27.1.7.5.13.9.3 Result <RsIt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1513

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.

27.1.7.5.13.9.4 AdditionalResult <AddtlRsIt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1521

27.1.7.5.13.10 PersonalData <PrsnlData>

Presence: [0..1]

Definition: Identifies personal data related to the cardholder.

Datatype: "Max70Text" on page 1522

27.1.7.5.13.11 MobileData <MobData>

Presence: [0..*]

Definition: Data related to the mobile of stakeholder.

MobileData <MobData> contains the following **MobileData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1313
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1313
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1314
	Geolocation <Glctn>	[0..1]			1314
	GeographicCoordinates <GeogcCordints>	[0..1]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1315
	SensitiveMobileData <SnstivMobData>	[0..1]			1315
	MSISDN <MSISDN>	[1..1]	Text		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1316

27.1.7.5.13.11.1 MobileCountryCode <MobCtryCd>

Presence: [0..1]

Definition: Identifies the country of a mobile phone operator.

Datatype: "Min2Max3AlphaText" on page 1523

27.1.7.5.13.11.2 MobileNetworkCode <MobNtwkCd>

Presence: [0..1]

Definition: Identifies the mobile phone operator inside a country.

Datatype: "Min2Max3NumericText" on page 1523

27.1.7.5.13.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

Presence: [0..1]

Definition: Masked Mobile Subscriber Integrated Service Digital Network.

Datatype: "Max35Text" on page 1520

27.1.7.5.13.11.4 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]			1314
	Latitude <Lat>	[1..1]	Text		1314
	Longitude <Long>	[1..1]	Text		1314
	UTMCoordinates <UTMCordints>	[0..1]			1315
	UTMZone <UTMZone>	[1..1]	Text		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315

27.1.7.5.13.11.4.1 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		1314
	Longitude <Long>	[1..1]	Text		1314

27.1.7.5.13.11.4.1.1 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 1520

27.1.7.5.13.11.4.1.2 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 1520

27.1.7.5.13.11.4.2 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		1315
	UTMEastward <UTMEstwr>	[1..1]	Text		1315
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1315

27.1.7.5.13.11.4.2.1 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 1520

27.1.7.5.13.11.4.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.11.4.2.3 UTMNorthward <UTMNrthwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1520

27.1.7.5.13.11.5 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		1316
	IMSI <IMSI>	[0..1]	Text		1316
	IMEI <IMEI>	[0..1]	Text		1316

27.1.7.5.13.11.5.1 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max35NumericText" on page 1520

27.1.7.5.13.11.5.2 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 1520

27.1.7.5.13.11.5.3 IMEI <IMEI>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1520

27.1.7.5.13.11.6 ProtectedMobileData <PrtctdMobData>

Presence: [0..1]

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

ProtectedMobileData <PrtctdMobData> contains the following elements (see "ContentInformationType35" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.7.5.14 ProtectedCardholderData <PrtctdCrhdlrData>

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
"ContentInformationType35" on page 1419 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.7.5.15 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		1317
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1318
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1318
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1319
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1319
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1319

27.1.7.5.15.1 SaleCapabilities <SaleCpblties>

Presence: [0..*]

Definition: Capabilities of the Sale system.

Datatype: "SaleCapabilities1Code" on page 1506

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.

27.1.7.5.15.2 Currency <Ccy>

Presence: [0..1]

Definition: Default currency associated with the sale system.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.7.5.15.3 MinimumAmountToDeliver <MinAmtToDlvr>

Presence: [0..1]

Definition: Minimum amount the Sale System is allowed to deliver for this payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.5.15.4 MaximumCashBackAmount <MaxCshBckAmt>

Presence: [0..1]

Definition: Maximum amount which could be requested for cash-back.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.5.15.5 MinimumSplitAmount <MinSpltAmt>

Presence: [0..1]

Definition: Minimum amount to split a sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.5.15.6 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 1516):

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

27.1.7.5.15.7 LoyaltyHandling <LltyHdlg>

Presence: [0..1]

Definition: Way of Loyalty handling.

Datatype: "LoyaltyHandling1Code" on page 1490

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.

27.1.7.6 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]			1322
	CardPresent <CardPres>	[0..1]	Indicator		1322
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttnhdncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1326
	SaleContext <SaleCntxt>	[0..1]			1326
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrlId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329
	SplitPayment <Spltpmt>	[0..1]	Indicator		1330

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1331
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandatImage <MndtImg>	[0..1]	Binary		1339

27.1.7.6.1 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		1322
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1322
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1323
	AttendanceContext <AttndncCntxt>	[0..1]	CodeSet		1323
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1323
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1323
	BusinessArea <BizArea>	[0..1]	CodeSet		1324
	AttendantMessageCapable <AttndntMsgCpbl>	[0..1]	Indicator		1324
	AttendantLanguage <AttndntLang>	[0..1]	CodeSet	C3	1324
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1325
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1325
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1326

27.1.7.6.1.1 CardPresent <CardPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated by a card physically present or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1516):

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

27.1.7.6.1.2 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 1516):

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

27.1.7.6.1.3 OnLineContext <OnLineCntxt>

Presence: [0..1]

Definition: On-line or off-line context of the transaction.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1516):

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

27.1.7.6.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: ["AttendanceContext1Code"](#) on page 1469

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.

27.1.7.6.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: ["TransactionEnvironment1Code"](#) on page 1510

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

27.1.7.6.1.6 TransactionChannel <TxChanl>

Presence: [0..1]

Definition: Identifies the type of the communication channels used by the cardholder to the acceptor system.

Datatype: ["TransactionChannel5Code"](#) on page 1510

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.

27.1.7.6.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 1473

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.

27.1.7.6.1.8 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 1516):

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

27.1.7.6.1.9 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: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1489

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.1.7.6.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 1476

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.)

27.1.7.6.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 1476

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.

27.1.7.6.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 1508

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.

27.1.7.6.2 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale involving the card payment transaction.

SaleContext <SaleCntxt> contains the following **SaleContext4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1327
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1327
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1328
	CashierIdentification <CshrId>	[0..1]	Text		1328
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C3	1328
	ShiftNumber <ShiftNb>	[0..1]	Text		1328
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1328
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1328
	InvoiceNumber <InvNb>	[0..1]	Text		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1329
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1329
	SplitPayment <Spltpmt>	[0..1]	Indicator		1330
	RemainingAmount <RmngAmt>	[0..1]	Amount		1330
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1330
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1330
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1330
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1331
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1331

27.1.7.6.2.1 SaleIdentification <SaleId>

Presence: [0..1]

Definition: Identification of the sale terminal (electronic cash register or point of sale terminal) or the sale system.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.4 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1489

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.1.7.6.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 1520

27.1.7.6.2.7 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 1516):

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

27.1.7.6.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.11 SponsoredMerchant <SpnsrdMrchnt>

Presence: [0..*]

Definition: Merchant using the payment services of a payment facilitator, acting as a card acceptor.

SponsoredMerchant <SpnsrdMrchnt> contains the following **Organisation26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommonName <CmonNm>	[1..1]	Text		1329
	Address <Adr>	[0..1]	Text		1329
	CountryCode <CtryCd>	[1..1]	CodeSet		1329
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1329
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1329

27.1.7.6.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 1522

27.1.7.6.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 1519

27.1.7.6.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1488

27.1.7.6.2.11.4 MerchantCategoryCode <MrchntCtgyCd>

Presence: [1..1]

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

Datatype: "Min3Max4Text" on page 1523

27.1.7.6.2.11.5 RegisteredIdentifier <Regdldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1520

27.1.7.6.2.12 SplitPayment <SpltPmt>

Presence: [0..1]

Definition: True if the payment transaction is a partial payment of the sale transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.1.7.6.2.13 RemainingAmount <RmngAmt>

Presence: [0..1]

Definition: Remaining amount to complete the sale transaction, if a partial payment has been completed for the sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.6.2.14 ForceOnlineFlag <ForceOnlnFlg>

Presence: [0..1]

Definition: Indicates if the Cashier requires POI forces online access to the Acquirer.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.1.7.6.2.15 ReuseCardDataFlag <ReuseCardDataFlg>

Presence: [0..1]

Definition: Indicates if the card data has to be taken from a previous transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.1.7.6.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 1476

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.)

27.1.7.6.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 1506

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.

27.1.7.6.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 1522

27.1.7.6.3 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **CardDirectDebit2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorIdentification <DbtrId>	[0..1]			1332
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336
	CreditorIdentification <CdtrId>	[1..1]			1336
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1338
	MandateIdentification <MndtId>	[1..1]	Text		1339
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

27.1.7.6.3.1 DebtorIdentification <DbtrId>

Presence: [0..1]

Definition: Information related to the debtor.

DebtorIdentification <DbtrId> contains the following **Debtor4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]			1333
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334
	AccountIdentification <AcctId>	[0..1]			1335
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification <Id>	[1..1]	Text		1336

27.1.7.6.3.1.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Party that owes an amount of money to the (ultimate) creditor. In the context of the payment model, the debtor is also the debit account owner.

Debtor <Dbtr> contains one of the following **PartyIdentification178Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1333
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1334
Or}	NameAndAddress <NmAndAdr>	[1..1]			1334
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334

27.1.7.6.3.1.1.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Unique and unambiguous identifier for an organisation that is allocated by an institution, for example, Dun & Bradstreet Identification.

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 1514

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.

27.1.7.6.3.1.1.2 ProprietaryIdentification <Prtryld>

Presence: [1..1]

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

ProprietaryIdentification <Prtryld> contains the following elements (see "[GenericIdentification36](#)" on page 1218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1219
	Issuer <Issr>	[1..1]	Text		1219
	SchemeName <SchmeNm>	[0..1]	Text		1219

27.1.7.6.3.1.1.3 NameAndAddress <NmAndAdr>

Presence: [1..1]

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

NameAndAddress <NmAndAdr> contains the following **NameAndAddress6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1334
	Address <Adr>	[1..1]	±		1334

27.1.7.6.3.1.1.3.1 Name <Nm>

Presence: [1..1]

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

Datatype: "[Max70Text](#)" on page 1522

27.1.7.6.3.1.1.3.2 Address <Adr>

Presence: [1..1]

Definition: Information that locates and identifies a specific address, as defined by postal services.

Address <Adr> contains the following elements (see "PostalAddress2" on page 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		1449
	PostCodeIdentification <PstCdd>	[1..1]	Text		1449
	TownName <TwnNm>	[1..1]	Text		1449
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1449
	Country <Ctry>	[1..1]	CodeSet	C2	1449

27.1.7.6.3.1.2 AccountIdentification <AcctId>

Presence: [0..1]

Definition: Unique and unambiguous identification for the account between the account owner and the account servicer.

AccountIdentification <AcctId> contains one of the following **CashAccountIdentification7Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1335
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1335
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1336
Or}	DomesticAccount <DmstAcct>	[1..1]			1336
	Identification </d>	[1..1]	Text		1336

27.1.7.6.3.1.2.1 IBAN <IBAN>

Presence: [1..1]

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

Impacted by: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1515

Constraints

- IBAN**

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

27.1.7.6.3.1.2.2 BBAN <BBAN>

Presence: [1..1]

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

Datatype: "BBANIdentifier" on page 1515

27.1.7.6.3.1.2.3 UPIC <UPIC>

Presence: [1..1]

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

Datatype: "UPICIdentifier" on page 1515

27.1.7.6.3.1.2.4 DomesticAccount <DmstAcct>

Presence: [1..1]

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

DomesticAccount <DmstAcct> contains the following **SimpleIdentificationInformation4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1336

27.1.7.6.3.1.2.4.1 Identification <Id>

Presence: [1..1]

Definition: Name or number assigned by an entity to enable recognition of that entity, for example, account identifier.

Datatype: "Max35Text" on page 1520

27.1.7.6.3.2 CreditorIdentification <CdtrId>

Presence: [1..1]

Definition: Information related to the creditor.

CreditorIdentification <CdtrId> contains the following **Creditor4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[1..1]			1337
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338
	RegistrationIdentification <RegnId>	[0..1]	Text		1338

27.1.7.6.3.2.1 Creditor <Cdtr>

Presence: [1..1]

Definition: Party that receives an amount of money from the debtor. In the context of the payment model, the creditor is also the credit account owner.

Creditor <Cdtr> contains one of the following **PartyIdentification178Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1337
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1337
Or}	NameAndAddress <NmAndAdr>	[1..1]			1337
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338

27.1.7.6.3.2.1.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Unique and unambiguous identifier for an organisation that is allocated by an institution, for example, Dun & Bradstreet Identification.

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 1514

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.

27.1.7.6.3.2.1.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

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

ProprietaryIdentification <PrtryId> contains the following elements (see "GenericIdentification36" on page 1218 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1219
	Issuer <Issr>	[1..1]	Text		1219
	SchemeName <SchmeNm>	[0..1]	Text		1219

27.1.7.6.3.2.1.3 NameAndAddress <NmAndAdr>

Presence: [1..1]

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

NameAndAddress <NmAndAdr> contains the following **NameAndAddress6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1338
	Address <Adr>	[1..1]	±		1338

27.1.7.6.3.2.1.3.1 Name <Nm>

Presence: [1..1]

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

Datatype: "Max70Text" on page 1522

27.1.7.6.3.2.1.3.2 Address <Adr>

Presence: [1..1]

Definition: Information that locates and identifies a specific address, as defined by postal services.

Address <Adr> contains the following elements (see "PostalAddress2" on page 1449 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		1449
	PostCodeIdentification <PstCdId>	[1..1]	Text		1449
	TownName <TwnNm>	[1..1]	Text		1449
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1449
	Country <Ctry>	[1..1]	CodeSet	C2	1449

27.1.7.6.3.2.2 RegistrationIdentification <RegnId>

Presence: [0..1]

Definition: Reference assigned to a creditor by its financial institution, or relevant authority, authorising the creditor to take part in a direct debit scheme.

Datatype: "Max35Text" on page 1520

27.1.7.6.3.3 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1339
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1339
	MandateImage <MndtImg>	[0..1]	Binary		1339

27.1.7.6.3.3.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 1520

27.1.7.6.3.3.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 1514

27.1.7.6.3.3.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 1459

27.1.7.7 ActionMessage10

Definition: Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1339
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1340
	Format <Frmt>	[0..1]	CodeSet		1341
	MessageContent <MsgCntt>	[0..1]	Text		1341
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1341
	OutputBarcode <OutptBrcd>	[0..1]			1341
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1343
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1343
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1343

27.1.7.7.1 MessageDestination <MsgDstn>

Presence: [1..1]

Definition: Destination of the message.

Datatype: "UserInterface4Code" on page 1513

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.

27.1.7.7.2 InformationQualifier <InfQlfr>

Presence: [0..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 1486

CodeName	Name	Definition
CUSA	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
DISP	Display	Standard display interface.
DOCT	Document	When the POI System wants to print specific document (check, dynamic currency conversion ...). Used by the Sale System when the printer is not located on the Sale System.
ERRO	Error	The information is related to an error situation occurring on the message sender.
INPT	Input	Answer to a question or information to be entered by the Cashier or the Customer, at the request of the POI Terminal or the Sale Terminal.
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
RCPT	Receipt	Where you print the Payment receipt that could be located on the Sale System or in some cases a restricted Sale ticket on the POI Terminal.
SOND	Sound	Standard sound interface.
STAT	Status	The information is a new state on which the message sender is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
VCHR	Voucher	Coupons, voucher or special ticket generated by the POI or the Sale System and to be printed.

27.1.7.7.3 Format <Frmt>

Presence: [0..1]

Definition: Message format.

Datatype: "OutputFormat3Code" on page 1495

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.

27.1.7.7.4 MessageContent <MsgCntt>

Presence: [0..1]

Definition: Content or reference of the message.

Datatype: "Max20000Text" on page 1519

27.1.7.7.5 MessageContentSignature <MsgCnttSgntr>

Presence: [0..1]

Definition: Digital signature of the message.

MessageContentSignature <MsgCnttSgntr> contains the following elements (see "ContentInformationType33" on page 1426 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1426
	AuthenticatedData <AuthntcdData>	[0..1]	±		1426
	SignedData <SgndData>	[0..1]	±		1427

27.1.7.7.6 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		1342
	BarcodeValue <BrcdVal>	[0..1]	Text		1342
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1342
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1343
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		1343
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1343

27.1.7.7.6.1 BarcodeType <BrcdTp>

Presence: [1..1]

Definition: Type of Barcode coding.

Datatype: "BarcodeType1Code" on page 1473

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.

27.1.7.7.6.2 BarcodeValue <BrcdVal>

Presence: [0..1]

Definition: Value with a Barcode coding.

Datatype: "Max8000Text" on page 1522

27.1.7.7.6.3 QRCodeBinaryValue <QRCDBinryVal>

Presence: [0..1]

Definition: Use for binary and Kanji Quick Response Code.

Datatype: "Max3000Binary" on page 1459

27.1.7.7.6.4 QRCodeVersion <QRCDVrsn>

Presence: [0..1]

Definition: Version of the Quick Response Code.

Datatype: "Max16Text" on page 1519

27.1.7.7.6.5 QRCodeEncodingMode <QRCDncodgMd>

Presence: [0..1]

Definition: Encoding Mode of Quick Response Code.

Datatype: "QRCodeEncodingMode1Code" on page 1501

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.

27.1.7.7.6.6 QRCodeErrorCorrection <QRCDerrCrrctn>

Presence: [0..1]

Definition: Error Correction mode of Quick Response Code.

Datatype: "QRCodeErrorCorrection1Code" on page 1502

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%

27.1.7.7.7 ResponseRequiredFlag <RspnReqrdFlg>

Presence: [0..1]

Definition: Flag to request a message response.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.1.7.7.8 MinimumDisplayTime <MinDispTm>

Presence: [0..1]

Definition: Number of seconds the message has to be displayed.

Datatype: "Number" on page 1516

27.1.7.8 PointOfInteractionComponent14

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		1346
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		1347
	Identification <Id>	[1..1]			1348
	ItemNumber <ItmNb>	[0..1]	Text		1348
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1348
	Identification <Id>	[0..1]	Text		1348
	SerialNumber <SrlNb>	[0..1]	Text		1348
	Status <Sts>	[0..1]			1348
	VersionNumber <VrsnNb>	[0..1]	Text		1349
	Status <Sts>	[0..1]	CodeSet		1349
	ExpiryDate <XpryDt>	[0..1]	Date		1349
	StandardCompliance <StdCmplc>	[0..*]			1349
	Identification <Id>	[1..1]	Text		1349
	Version <Vrsn>	[1..1]	Text		1350
	Issuer <Issr>	[1..1]	Text		1350
	Characteristics <Chrtcs>	[0..1]			1350
	Memory <Mmry>	[0..*]			1351
	Identification <Id>	[1..1]	Text		1352
	TotalSize <TtlSz>	[1..1]	Quantity		1352
	FreeSize <FreeSz>	[1..1]	Quantity		1352
	Unit <Unit>	[1..1]	CodeSet		1352
	Communication <Com>	[0..*]			1352
	CommunicationType <ComTp>	[1..1]	CodeSet		1353
	RemoteParty <RmotPty>	[1..*]	CodeSet		1354
	Active <Actv>	[1..1]	Indicator		1354
	Parameters <Params>	[0..1]	±		1354
	PhysicalInterface <PhysIntrfc>	[0..1]			1355
	InterfaceName <IntrfcNm>	[1..1]	Text		1355
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1355
	UserName <UsrNm>	[0..1]	Text		1356
	AccessCode <AccsCd>	[0..1]	Binary		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		1356
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1356
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1357
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1357
	SecurityElement <SctyElmt>	[0..*]	±		1357
	Assessment <Assmnt>	[0..*]			1357
	Type <Tp>	[1..1]	CodeSet		1358
	Assigner <Assgnr>	[1..*]	Text		1358
	DeliveryDate <DlvryDt>	[0..1]	DateTime		1358
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1358
	Number <Nb>	[1..1]	Text		1358
	Package <Packg>	[0..*]			1359
	PackageIdentification <PackgId>	[0..1]	±		1359
	PackageLength <PackgLngh>	[0..1]	Quantity		1359
	OffsetStart <OffsetStart>	[0..1]	Quantity		1359
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1360
	PackageBlock <PackgBlck>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361

27.1.7.8.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType6Code" on page 1500

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.

27.1.7.8.2 SubTypeInformation <SubTpInf>

Presence: [0..1]

Definition: Additional information regarding the type of the component.

Datatype: "Max70Text" on page 1522

27.1.7.8.3 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		1348
	ProviderIdentification <PrvdrId>	[0..1]	Text		1348
	Identification <Id>	[0..1]	Text		1348
	SerialNumber <SrlNb>	[0..1]	Text		1348

27.1.7.8.3.1 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 1520

27.1.7.8.3.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 1520

27.1.7.8.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max256Text" on page 1519

27.1.7.8.3.4 SerialNumber <SrlNb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max256Text" on page 1519

27.1.7.8.4 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		1349
	Status <Sts>	[0..1]	CodeSet		1349
	ExpiryDate <XpryDt>	[0..1]	Date		1349

27.1.7.8.4.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 1519

27.1.7.8.4.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 1500

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.

27.1.7.8.4.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 1514

27.1.7.8.5 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		1349
	Version <Vrsn>	[1..1]	Text		1350
	Issuer <Issr>	[1..1]	Text		1350

27.1.7.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 1520

27.1.7.8.5.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 1520

27.1.7.8.5.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1520

27.1.7.8.6 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Characteristics of a POI (Point Of Interaction) component.

Characteristics <Chrtcs> contains the following **PointOfInteractionComponentCharacteristics9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			1351
	Identification <Id>	[1..1]	Text		1352
	TotalSize <TtlSz>	[1..1]	Quantity		1352
	FreeSize <FreeSz>	[1..1]	Quantity		1352
	Unit <Unit>	[1..1]	CodeSet		1352
	Communication <Com>	[0..*]			1352
	CommunicationType <ComTp>	[1..1]	CodeSet		1353
	RemoteParty <RmotPty>	[1..*]	CodeSet		1354
	Active <Actv>	[1..1]	Indicator		1354
	Parameters <Params>	[0..1]	±		1354
	PhysicalInterface <PhysIntrfc>	[0..1]			1355
	InterfaceName <IntrfcNm>	[1..1]	Text		1355
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1355
	UserName <UsrNm>	[0..1]	Text		1356
	AccessCode <AccsCd>	[0..1]	Binary		1356
	SecurityProfile <SctyPrfl>	[0..1]	Text		1356
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1356
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1357
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1357
	SecurityElement <SctyElmt>	[0..*]	±		1357

27.1.7.8.6.1 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		1352
	TotalSize <TtlSz>	[1..1]	Quantity		1352
	FreeSize <FreeSz>	[1..1]	Quantity		1352
	Unit <Unit>	[1..1]	CodeSet		1352

27.1.7.8.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification or name of the memory.

Datatype: "Max35Text" on page 1520

27.1.7.8.6.1.2 TotalSize <TtISz>

Presence: [1..1]

Definition: Total size of the memory unit.

Datatype: "DecimalNumber" on page 1516

27.1.7.8.6.1.3 FreeSize <FreeSz>

Presence: [1..1]

Definition: Total size of the available memory.

Datatype: "DecimalNumber" on page 1516

27.1.7.8.6.1.4 Unit <Unit>

Presence: [1..1]

Definition: Memory unit of the sizes.

Datatype: "MemoryUnit1Code" on page 1491

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.

27.1.7.8.6.2 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		1353
	RemoteParty <RmotPty>	[1..*]	CodeSet		1354
	Active <Actv>	[1..1]	Indicator		1354
	Parameters <Params>	[0..1]	±		1354
	PhysicalInterface <PhysIntrfc>	[0..1]			1355
	InterfaceName <IntrfcNm>	[1..1]	Text		1355
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1355
	UserName <UsrNm>	[0..1]	Text		1356
	AccessCode <AccsCd>	[0..1]	Binary		1356
	SecurityProfile <SctyPrfl>	[0..1]	Text		1356
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1356

27.1.7.8.6.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 1499

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.

27.1.7.8.6.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 1498

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.

27.1.7.8.6.2.3 Active <Actv>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.1.7.8.6.2.4 Parameters <Params>

Presence: [0..1]

Definition: Network parameters of the communication link.

Parameters <Params> contains the following elements (see "[NetworkParameters7](#)" on page 1388 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1389
	ClientCertificate <ClntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

27.1.7.8.6.2.5 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		1355
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1355
	UserName <UsrNm>	[0..1]	Text		1356
	AccessCode <AccsCd>	[0..1]	Binary		1356
	SecurityProfile <SctyPrfl>	[0..1]	Text		1356
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1356

27.1.7.8.6.2.5.1 InterfaceName <IntrfcNm>

Presence: [1..1]

Definition: Identification of the interface.

Datatype: "[Max35Text](#)" on page 1520

27.1.7.8.6.2.5.2 InterfaceType <IntrfcTp>

Presence: [0..1]

Definition: Identification of the physical link layer.

Datatype: "[POICommunicationType2Code](#)" on page 1499

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.

27.1.7.8.6.2.5.3 UserName <UsrNm>

Presence: [0..1]

Definition: Optional user name to provide to use this interface.

Datatype: "Max35Text" on page 1520

27.1.7.8.6.2.5.4 AccessCode <AccsCd>

Presence: [0..1]

Definition: Optional access code to provide to use this interface.

Datatype: "Max35Binary" on page 1459

27.1.7.8.6.2.5.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the optional security profile to use with this interface.

Datatype: "Max35Text" on page 1520

27.1.7.8.6.2.5.6 AdditionalParameters <AddtlParams>

Presence: [0..1]

Definition: Any other parameters relevant for this interface.

Datatype: "Max2KBinary" on page 1458

27.1.7.8.6.3 SecurityAccessModules <SctyAccsMdls>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: "Number" on page 1516

27.1.7.8.6.4 SubscriberIdentityModules <SbcbrldntyMdls>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: "Number" on page 1516

27.1.7.8.6.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "CryptographicKey17" on page 1428 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1429
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1429
	Name <Nm>	[0..1]	Text		1429
	SecurityProfile <SctyPrfl>	[0..1]	Text		1430
	ItemNumber <ItmNb>	[0..1]	Text		1430
	Version <Vrsn>	[1..1]	Text		1430
	Type <Tp>	[0..1]	CodeSet		1430
	Function <Fctn>	[0..*]	CodeSet		1431
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1431
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1431
	KeyValue <KeyVal>	[0..1]	±		1432
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1432
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1432
	Name <Nm>	[1..1]	Text		1432
	Value <Val>	[0..1]	Text		1432

27.1.7.8.7 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		1358
	Assigner <Assgnr>	[1..*]	Text		1358
	DeliveryDate <DlvryDt>	[0..1]	DateTime		1358
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1358
	Number <Nb>	[1..1]	Text		1358

27.1.7.8.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of assessment of the component.

Datatype: "POIComponentAssessment1Code" on page 1500

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.

27.1.7.8.7.2 Assigner <Assgnr>

Presence: [1..*]

Definition: Body which has delivered the assessment.

Datatype: "Max35Text" on page 1520

27.1.7.8.7.3 DeliveryDate <DlvryDt>

Presence: [0..1]

Definition: Date when the assessment has been delivered.

Datatype: "ISODateTime" on page 1514

27.1.7.8.7.4 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Date when the assessment will expire.

Datatype: "ISODateTime" on page 1514

27.1.7.8.7.5 Number <Nb>

Presence: [1..1]

Definition: Unique assessment number for the component.

Datatype: "Max35Text" on page 1520

27.1.7.8.8 Package <Packg>

Presence: [0..*]

Definition: Chunk of a software package.

Package <Packg> contains the following **PackageType4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Packageldentification <Packgld>	[0..1]	±		1359
	Packagelength <PackgLngh>	[0..1]	Quantity		1359
	Offsetstart <OffsetStart>	[0..1]	Quantity		1359
	Offsetend <OffsetEnd>	[0..1]	Quantity		1360
	Packageblock <PackgBlck>	[0..*]			1360
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361

27.1.7.8.8.1 Packageldentification <Packgld>

Presence: [0..1]

Definition: Identification of the software packages of which the chunk belongs.

Packageldentification <Packgld> contains the following elements (see "[GenericIdentification176](#)" on page 1215 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1215
	Type <Tp>	[0..1]	CodeSet		1216
	Issuer <Issr>	[0..1]	CodeSet		1216
	Country <Ctry>	[0..1]	Text		1217
	ShortName <ShrtNm>	[0..1]	Text		1217

27.1.7.8.8.2 Packagelength <PackgLngh>

Presence: [0..1]

Definition: Full length of software package identified through Packageldentification.

Datatype: "[PositiveNumber](#)" on page 1516

27.1.7.8.8.3 Offsetstart <OffsetStart>

Presence: [0..1]

Definition: Place of the first following PackageBlock, beginning with 0, in the full software package identified through Packageldentification.

Datatype: "PositiveNumber" on page 1516

27.1.7.8.8.4 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 1516

27.1.7.8.8.5 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 **ExternallyDefinedData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1360
	Value <Val>	[0..1]	Binary		1360
	ProtectedValue <PrctcdVal>	[0..1]	±		1360
	Type <Tp>	[0..1]	Text		1361

27.1.7.8.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1518

27.1.7.8.8.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1458

27.1.7.8.8.5.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType34](#)" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

27.1.7.8.5.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1518

27.1.7.9 LoyaltyAccount3

Definition: Loyalty Account description.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Lltyld>	[1..1]	Text		1361
	EntryMode <NtryMd>	[0..1]	CodeSet		1361
	IdentificationType <ldTp>	[0..1]	CodeSet		1362
	Brand <Brnd>	[0..1]	Text		1362
	Provider <Prvdr>	[0..1]	Text		1363
	OwnerName <OwnrNm>	[0..1]	Text		1363
	Unit <Unit>	[0..1]	CodeSet		1363
	Currency <Ccy>	[0..1]	CodeSet	C1	1363
	Balance <Bal>	[0..1]	Amount		1363

27.1.7.9.1 LoyaltyIdentification <Lltyld>

Presence: [1..1]

Definition: Identification of Loyalty Account.

Datatype: "[Max35Text](#)" on page 1520

27.1.7.9.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Loyalty account or card.

Datatype: "[CardDataReading8Code](#)" on page 1476

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.)

27.1.7.9.3 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Loyalty Account.

Datatype: "CardIdentificationType1Code" on page 1477

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.

27.1.7.9.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1520

27.1.7.9.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Loyalty Account.

Datatype: "Max35Text" on page 1520

27.1.7.9.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1521

27.1.7.9.7 Unit <Unit>

Presence: [0..1]

Definition: Unit of a Loyalty Account (Point or Currency).

Datatype: "AmountUnit1Code" on page 1469

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

27.1.7.9.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Loyalty Account if any.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.7.9.9 Balance <Bal>

Presence: [0..1]

Definition: Balance of a Loyalty Account.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.10 ResponseType11

Definition: Response of a requested service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1364
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1364
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1365

27.1.7.10.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the requested transaction.

Datatype: "Response11Code" on page 1502

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.

27.1.7.10.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detail of the response.

Datatype: "RetailerResultDetail1Code" on page 1503

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.

27.1.7.10.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information to be logged for further examination.

Datatype: "Max140Text" on page 1519

27.1.7.11 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		1366
	Type <Tp>	[0..1]	Text		1366
	Provider <Prvdr>	[0..1]	Text		1366

27.1.7.11.1 Identification <Id>

Presence: [0..1]

Definition: Identifier of the component.

Datatype: "Max35Text" on page 1520

27.1.7.11.2 Type <Tp>

Presence: [0..1]

Definition: Type of component.

Datatype: "Max70Text" on page 1522

27.1.7.11.3 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the component.

Datatype: "Max35Text" on page 1520

27.1.7.12 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		1366
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1366
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1367
	StartDate <StartDt>	[1..1]	DateTime		1367
	EndDate <EndDt>	[0..1]	DateTime		1367
	Unit <Unit>	[0..1]	CodeSet		1367
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1367
	CurrentAmount <CurAmt>	[0..1]	Amount		1367
	Currency <Ccy>	[0..1]	CodeSet	C1	1367
	AccessedBy <AccsdBy>	[0..1]	Text		1368
	AdditionalInformation <AddtlInf>	[0..1]	Text		1368

27.1.7.12.1 CustomerOrderIdentification <CstmrOrdrlId>

Presence: [1..1]

Definition: Identification of a customer order.

Datatype: "Max35Text" on page 1520

27.1.7.12.2 SaleReferenceIdentification <SaleRefId>

Presence: [1..1]

Definition: Identification of a Sale transaction for a sequence of related POI transactions.

Datatype: "Max35Text" on page 1520

27.1.7.12.3 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 1516):

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

27.1.7.12.4 StartDate <StartDt>

Presence: [1..1]

Definition: Date time of the beginning of an operation.

Datatype: "ISODatetime" on page 1514

27.1.7.12.5 EndDate <EndDt>

Presence: [0..1]

Definition: Date time of the end of an operation.

Datatype: "ISODatetime" on page 1514

27.1.7.12.6 Unit <Unit>

Presence: [0..1]

Definition: Unit of amount.

Datatype: "AmountUnit1Code" on page 1469

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

27.1.7.12.7 ForecastedAmount <FrcstdAmt>

Presence: [1..1]

Definition: Initial or global amount of the order.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.12.8 CurrentAmount <CurAmt>

Presence: [0..1]

Definition: Total amount of all completed transactions of a customer order.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.12.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1461

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.

27.1.7.12.10 AccessedBy <AccsdBy>

Presence: [0..1]

Definition: Identification of an entity accessing data to perform an operation.

Datatype: "Max35Text" on page 1520

27.1.7.12.11 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Unqualified information related to customer order.

Datatype: "Max1025Text" on page 1518

27.1.7.13 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		1369
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		1369
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		1370
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1370
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1370
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1370
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		1370
	MessageCapabilities <MsgCpblties>	[0..*]			1371
	Destination <Dstn>	[1..*]	CodeSet		1371
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1371
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1372
	LineWidth <LineWidth>	[0..1]	Quantity		1372
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1372

27.1.7.13.1 CardReadingCapabilities <CardRdngCpbilities>

Presence: [0..*]

Definition: Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardDataReading8Code" on page 1476

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.)

27.1.7.13.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpbilities>

Presence: [0..*]

Definition: Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardholderVerificationCapability4Code" on page 1476

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.

27.1.7.13.3 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 1516

27.1.7.13.4 ApprovalCodeLength <ApprvlCdLngh>

Presence: [0..1]

Definition: Maximum number of characters of the approval code the POI is able to manage.

Datatype: "PositiveNumber" on page 1516

27.1.7.13.5 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 1516

27.1.7.13.6 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 1516):

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

27.1.7.13.7 OnLineCapabilities <OnLineCpblties>

Presence: [0..1]

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Datatype: "OnLineCapability1Code" on page 1494

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.

27.1.7.13.8 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		1371
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1371
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1372
	LineWidth <LineWidth>	[0..1]	Quantity		1372
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1372

27.1.7.13.8.1 Destination <Dstn>

Presence: [1..*]

Definition: Destination of the message to present.

Datatype: "UserInterface4Code" on page 1513

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.

27.1.7.13.8.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 1495

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.

27.1.7.13.8.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 1516

27.1.7.13.8.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 1516

27.1.7.13.8.5 AvailableLanguage <AvlblLang>

Presence: [0..*]

Definition: Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1489

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.1.7.14 AggregationTransaction3

Definition: Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1372
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1373
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1373
	IndividualPayment <IndvPmt>	[0..*]			1373
	Amount <Amt>	[1..1]	Amount		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

27.1.7.14.1 FirstPaymentDateTime <FrstPmtDtTm>

Presence: [0..1]

Definition: Date and time of the first payment.

Datatype: ["ISODateTime" on page 1514](#)

27.1.7.14.2 LastPaymentDateTime <LastPmtDtTm>

Presence: [0..1]

Definition: Date and time of the last payment.

Datatype: ["ISODateTime" on page 1514](#)

27.1.7.14.3 NumberOfPayments <NbOfPmts>

Presence: [0..1]

Definition: Total number of payments that has been aggregated.

Datatype: ["Number" on page 1516](#)

27.1.7.14.4 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		1373
	DateTime <DtTm>	[1..1]	DateTime		1373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1373
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1374
	Label <Lbl>	[0..1]	Text		1374

27.1.7.14.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: ["ImpliedCurrencyAndAmount" on page 1457](#)

27.1.7.14.4.2 DateTime <DtTm>

Presence: [1..1]

Definition: Date and time of the payment.

Datatype: ["ISODateTime" on page 1514](#)

27.1.7.14.4.3 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Card data entry mode for the related payment.

Datatype: ["CardDataReading8Code" on page 1476](#)

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.)

27.1.7.14.4.4 ICCRelatedData <ICCRIttdData>

Presence: [0..1]

Definition: Data of an integrated circuit card application for the related payment.

Datatype: "Max10000Binary" on page 1458

27.1.7.14.4.5 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1519

27.1.7.15 Product6

Definition: Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1375
	ProductCode <PdctCd>	[1..1]	Text		1375
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1375
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1375
	ProductQuantity <PdctQty>	[0..1]	Quantity		1377
	UnitPrice <UnitPric>	[0..1]	Amount		1377
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1377
	ProductAmount <PdctAmt>	[1..1]	Amount		1378
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1378
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1378
	TaxType <TaxTp>	[0..1]	Text		1378
	ProductDescription <PdctDesc>	[0..1]	Text		1378
	DeliveryLocation <DlrvyLctn>	[0..1]	Text		1378
	DeliveryService <DlrvySvc>	[0..1]	CodeSet		1378
	SaleChannel <SaleChanl>	[0..1]	Text		1379
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1379

27.1.7.15.1 ItemIdentification <ItmId>

Presence: [0..1]

Definition: Identification of the item inside the purchase transaction.

Datatype: "Max35Text" on page 1520

27.1.7.15.2 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1522

27.1.7.15.3 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1522

27.1.7.15.4 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1511

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.

27.1.7.15.5 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Product quantity.

Datatype: "DecimalNumber" on page 1516

27.1.7.15.6 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Price per unit of product.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.15.7 UnitPriceSign <UnitPricSgn>

Presence: [0..1]

Definition: Sign of the unit price.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1516):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

27.1.7.15.8 ProductAmount <PdctAmt>

Presence: [1..1]

Definition: Monetary value of purchased product.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.15.9 ProductAmountSign <PdctAmtSgn>

Presence: [0..1]

Definition: Sign of the product amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1516):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

27.1.7.15.10 ValueAddedTax <ValAddedTax>

Presence: [0..1]

Definition: Value added tax amount of the item included in the product amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1457

27.1.7.15.11 TaxType <TaxTp>

Presence: [0..1]

Definition: Information on tax paid on the product.

Datatype: "Max35Text" on page 1520

27.1.7.15.12 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 1519

27.1.7.15.13 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max10Text" on page 1518

27.1.7.15.14 DeliveryService <DlvrySvc>

Presence: [0..1]

Definition: Identify the method of delivery or distribution of the item.

Datatype: "AttendanceContext2Code" on page 1469

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.

27.1.7.15.15 SaleChannel <SaleChanI>

Presence: [0..1]

Definition: Commercial or distribution channel associated to the line item.

Datatype: "Max70Text" on page 1522

27.1.7.15.16 AdditionalProductDescription <AddtlPdctDesc>

Presence: [0..1]

Definition: Additional information related to the line item.

Datatype: "Max256Text" on page 1519

27.1.7.16 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		1380
	TrailerNumber <TrlrNb>	[0..1]	Text		1380
	VehicleTag <VhclTag>	[0..1]	Text		1381
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		1381
	UnitNumber <UnitNb>	[0..1]	Text		1381
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		1381
	Odometer <Odmtr>	[0..1]	Quantity		1381
	Hubometer <Hbmtr>	[0..1]	Quantity		1382
	TrailerHours <TrlrHrs>	[0..1]	Text		1382
	ReferHours <RefrHrs>	[0..1]	Text		1382
	Maintenanceldentification <Mntncld>	[0..1]	Text		1382
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			1382
	PAN <PAN>	[0..1]	Text		1382
	Track1 <Trck1>	[0..1]	Text		1383
	Track2 <Trck2>	[0..1]	Text		1383
	Track3 <Trck3>	[0..1]	Text		1383
	AdditionalCardData <AddtlCardData>	[0..*]	Text		1383
	EntryMode <NtryMd>	[0..1]	CodeSet		1383
	AdditionalVehicleData <AddtlVhclData>	[0..*]			1384
	Type <Tp>	[0..1]	Text		1384
	EntryMode <NtryMd>	[0..1]	CodeSet		1384
	Data <Data>	[1..1]	Text		1385

27.1.7.16.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Number assigned to the vehicle for identification.

Datatype: "Max35NumericText" on page 1520

27.1.7.16.2 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Number assigned to the vehicle trailer for identification.

Datatype: "Max35NumericText" on page 1520

27.1.7.16.3 VehicleTag <VhclTag>

Presence: [0..1]

Definition: Registration tag of the vehicle.

Datatype: "Max35Text" on page 1520

27.1.7.16.4 VehicleTagEntryMode <VhclTagNtryMd>

Presence: [0..1]

Definition: Entry mode of the registration tag.

Datatype: "CardDataReading5Code" on page 1475

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.

27.1.7.16.5 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identification of the vehicle in the fleet.

Datatype: "Max35NumericText" on page 1520

27.1.7.16.6 ReplacementCar <RpIcmntCar>

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 1516):

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

27.1.7.16.7 Odometer <Odmtr>

Presence: [0..1]

Definition: Odometer reading value indicating the distance travelled by the vehicle.

Datatype: "DecimalNumber" on page 1516

27.1.7.16.8 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer.

Datatype: "DecimalNumber" on page 1516

27.1.7.16.9 TrailerHours <TrlrHrs>

Presence: [0..1]

Definition: Number of hours the trailer has been in operation.

Datatype: "Max35Text" on page 1520

27.1.7.16.10 ReferHours <RefrHrs>

Presence: [0..1]

Definition: Number of hours the refer unit has been in operation.

Datatype: "Max35Text" on page 1520

27.1.7.16.11 Maintenanceldentification <Mntncld>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 1520

27.1.7.16.12 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		1382
	Track1 <Trck1>	[0..1]	Text		1383
	Track2 <Trck2>	[0..1]	Text		1383
	Track3 <Trck3>	[0..1]	Text		1383
	AdditionalCardData <AddtlCardData>	[0..*]	Text		1383
	EntryMode <NtryMd>	[0..1]	CodeSet		1383

27.1.7.16.12.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card.

Datatype: "Min8Max28NumericText" on page 1524

27.1.7.16.12.2 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 1522

27.1.7.16.12.3 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 1521

27.1.7.16.12.4 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 1518

27.1.7.16.12.5 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

Datatype: "Max35Text" on page 1520

27.1.7.16.12.6 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the card.

Datatype: "CardDataReading5Code" on page 1475

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.

27.1.7.16.13 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		1384
	EntryMode <NtryMd>	[0..1]	CodeSet		1384
	Data <Data>	[1..1]	Text		1385

27.1.7.16.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 1520

27.1.7.16.13.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 1475

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.

27.1.7.16.13.3 Data <Data>

Presence: [1..1]

Definition: Information related to the vehicle.

Datatype: "Max35Text" on page 1520

27.1.7.17 EncapsulatedContent3

Definition: Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1385
	Content <Cntt>	[0..1]	Binary		1385

27.1.7.17.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 1481

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).

27.1.7.17.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 1458

27.1.7.18 TransactionIdentifier1

Definition: Identification of the transaction in an unambiguous way.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		1386
	TransactionReference <TxRef>	[1..1]	Text		1386

27.1.7.18.1 TransactionDateTime <TxDtTm>

Presence: [1..1]

Definition: Local date and time of the transaction assigned by the POI (Point Of Interaction).

Datatype: "ISODateTime" on page 1514

27.1.7.18.2 TransactionReference <TxRef>

Presence: [1..1]

Definition: Identification of the transaction that has to be unique for a time period.

Datatype: "Max35Text" on page 1520

27.1.8 Monitoring

27.1.8.1 Traceability8

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1386
	ProtocolName <PrtcolNm>	[0..1]	Text		1387
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		1387
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		1387
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1387

27.1.8.1.1 RelayIdentification <RlayId>

Presence: [1..1]

Definition: Identification of a partner of a message exchange.

RelayIdentification <RlyId> contains the following elements (see "GenericIdentification177" on page 1211 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1211
	Type <Tp>	[0..1]	CodeSet		1211
	Issuer <Issr>	[0..1]	CodeSet		1212
	Country <Ctry>	[0..1]	Text		1213
	ShortName <ShrtNm>	[0..1]	Text		1213
	RemoteAccess <RmotAccs>	[0..1]	±		1213
	Geolocation <Glctn>	[0..1]			1213
	GeographicCoordinates <GeogcCordints>	[0..1]			1214
	Latitude <Lat>	[1..1]	Text		1214
	Longitude <Long>	[1..1]	Text		1214
	UTMCoordinates <UTMCordints>	[0..1]			1214
	UTMZone <UTMZone>	[1..1]	Text		1215
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1215
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1215

27.1.8.1.2 ProtocolName <PrtcolNm>

Presence: [0..1]

Definition: Name of the outgoing protocol used by the node.

Datatype: "Max35Text" on page 1520

27.1.8.1.3 ProtocolVersion <PrtcolVrsn>

Presence: [0..1]

Definition: Version of the protocol.

Datatype: "Max6Text" on page 1522

27.1.8.1.4 TraceDateTimeln <TracDtTmln>

Presence: [1..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "ISODateTime" on page 1514

27.1.8.1.5 TraceDateTimeOut <TracDtTmOut>

Presence: [1..1]

Definition: Date and time of the outgoing exchange for relaying or processing.

Datatype: "ISODateTime" on page 1514

27.1.9 Network Access

27.1.9.1 NetworkParameters7

Definition: Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			1388
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388
	UserName <UsrNm>	[0..1]	Text		1389
	AccessCode <AccsCd>	[0..1]	Binary		1389
	ServerCertificate <SvrCert>	[0..*]	Binary		1389
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		1389
	ClientCertificate <CIntCert>	[0..*]	Binary		1389
	SecurityProfile <SctyPrfl>	[0..1]	Text		1389

27.1.9.1.1 Address <Adr>

Presence: [1..*]

Definition: Network addresses of the host.

Address <Adr> contains the following **NetworkParameters9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkType <NtwkTp>	[1..1]	CodeSet		1388
	AddressValue <AdrVal>	[1..1]	Text		1388

27.1.9.1.1.1 NetworkType <NtwkTp>

Presence: [1..1]

Definition: Type of communication network.

Datatype: "NetworkType1Code" on page 1493

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

27.1.9.1.1.2 AddressValue <AdrVal>

Presence: [1..1]

Definition: Value of the address. The value of an internet protocol address contains the IP address or the DNS (Domain Name Server) address, followed by the character ':' and the port number if the

default port is not used. The value of a public telephone address contains the phone number with possible prefix and extensions.

Datatype: "Max500Text" on page 1521

27.1.9.1.2 UserName <UsrNm>

Presence: [0..1]

Definition: User name identifying the client.

Datatype: "Max35Text" on page 1520

27.1.9.1.3 AccessCode <AccsCd>

Presence: [0..1]

Definition: Password authenticating the client.

Datatype: "Max35Binary" on page 1459

27.1.9.1.4 ServerCertificate <SvrCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the server.

Datatype: "Max10KBinary" on page 1458

27.1.9.1.5 ServerCertificateIdentifier <SvrCertIdr>

Presence: [0..*]

Definition: Identification of the X.509 Certificates required to authenticate the server, for instance a digest of the certificate.

Datatype: "Max140Binary" on page 1458

27.1.9.1.6 ClientCertificate <ClntCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the client.

Datatype: "Max10KBinary" on page 1458

27.1.9.1.7 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to access the host.

Datatype: "Max35Text" on page 1520

27.1.10 Postal Address

27.1.10.1 PostalAddress1

Definition: Information that locates and identifies a specific address, as defined by postal services.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1390
	AddressLine <AdrLine>	[0..5]	Text		1390
	StreetName <StrtNm>	[0..1]	Text		1390
	BuildingNumber <BldgNb>	[0..1]	Text		1390
	PostCode <PstCd>	[0..1]	Text		1391
	TownName <TwnNm>	[0..1]	Text		1391
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1391
	Country <Ctry>	[1..1]	CodeSet	C2	1391

27.1.10.1.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 1461

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.

27.1.10.1.2 AddressLine <AdrLine>

Presence: [0..5]

Definition: Information that locates and identifies a specific address, as defined by postal services, that is presented in free format text.

Datatype: "Max70Text" on page 1522

27.1.10.1.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1522

27.1.10.1.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 1519

27.1.10.1.5 PostCode <PstCd>

Presence: [0..1]

Definition: Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

Datatype: "Max16Text" on page 1519

27.1.10.1.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 1520

27.1.10.1.7 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 1520

27.1.10.1.8 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1481

Constraints

- **Country**

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

27.1.10.2 PostalAddress22

Definition: Information that locates and identifies a specific address, as defined by postal services.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		1392
	Department <Dept>	[0..1]	Text		1392
	SubDepartment <SubDept>	[0..1]	Text		1392
	AddressLine <AdrLine>	[0..2]	Text		1392
	StreetName <StrtNm>	[0..1]	Text		1393
	BuildingNumber <BldgNb>	[0..1]	Text		1393
	PostCode <PstCd>	[0..1]	Text		1393
	TownName <TwnNm>	[0..1]	Text		1393
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		1393
	CountryCode <CtryCd>	[0..1]	Text		1393

27.1.10.2.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 1461

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.

27.1.10.2.2 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 1522

27.1.10.2.3 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 1522

27.1.10.2.4 AddressLine <AdrLine>

Presence: [0..2]

Definition: Information that locates and identifies a specific address, as defined by postal services, presented in free format text.

Datatype: "Max70Text" on page 1522

27.1.10.2.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1522

27.1.10.2.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 1519

27.1.10.2.7 PostCode <PstCd>

Presence: [0..1]

Definition: Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

Datatype: "Max16Text" on page 1519

27.1.10.2.8 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max70Text" on page 1522

27.1.10.2.9 CountrySubDivision <CtrySubDvsn>

Presence: [0..2]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 1520

27.1.10.2.10 CountryCode <CtryCd>

Presence: [0..1]

Definition: Nation with its own government.

Datatype: "Min2Max3AlphaText" on page 1523

27.1.11 Secure Element

27.1.11.1 DigestedData5

Definition: Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1394
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1394
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1394
	Digest <Dgst>	[1..1]	Binary		1394

27.1.11.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.1.2 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification21" on page 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1444

27.1.11.1.3 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data on which the digest is computed.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "EncapsulatedContent3" on page 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1385
	Content <Cntt>	[0..1]	Binary		1385

27.1.11.1.4 Digest <Dgst>

Presence: [1..1]

Definition: Result of data-digesting process.

Datatype: "Max140Binary" on page 1458

27.1.11.2 AuthenticatedData9

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		1395
	Recipient <Rcpt>	[1..*]			1395
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1396
	Version <Vrsn>	[0..1]	Quantity		1397
	RecipientIdentification <RcptId>	[1..1]			1397
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1397
	Issuer <Issr>	[1..1]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrlNb>	[1..1]	Binary		1399
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1399
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1399
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1399
Or	KEK <KEK>	[1..1]			1400
	Version <Vrsn>	[0..1]	Quantity		1400
	KEKIdentification <KEKId>	[1..1]	±		1400
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1400
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1401
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1401
	MACAlgorithm <MACAlgo>	[1..1]	±		1401
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1402
	MAC <MAC>	[1..1]	Binary		1402

27.1.11.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.2.2 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or protection key identification used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient14Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1396
	Version <Vrsn>	[0..1]	Quantity		1397
	RecipientIdentification <RcptId>	[1..1]			1397
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1397
	Issuer <Issr>	[1..1]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrlNb>	[1..1]	Binary		1399
Or}	SubjectKeyIdentifier <SbjktKeyldr>	[1..1]	Binary		1399
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1399
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1399
Or	KEK <KEK>	[1..1]			1400
	Version <Vrsn>	[0..1]	Quantity		1400
	KEKIdentification <KEKId>	[1..1]	±		1400
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1400
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1401
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1401

27.1.11.2.2.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1397
	RecipientIdentification <Rcptld>	[1..1]			1397
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1397
	Issuer <Issr>	[1..1]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrlNb>	[1..1]	Binary		1399
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1399
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1399
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1399

27.1.11.2.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.2.2.1.2 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]			1397
	Issuer <Issr>	[1..1]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrlNb>	[1..1]	Binary		1399
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1399

27.1.11.2.2.1.2.1 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]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrInb>	[1..1]	Binary		1399

27.1.11.2.2.1.2.1.1 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..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399

27.1.11.2.2.1.2.1.1.1 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		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399

27.1.11.2.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1470

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).

27.1.11.2.2.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1519

27.1.11.2.2.1.2.1.2 SerialNumber <SrInNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1459

27.1.11.2.2.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 1458

27.1.11.2.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification19" on page 1445 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1445
	Parameter <Param>	[0..1]			1445
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1446
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1446
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1447

27.1.11.2.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1459

27.1.11.2.2.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1400
	KEKIdentification <KEKId>	[1..1]	±		1400
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1400
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1401

27.1.11.2.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.2.2.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 958 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		958
	KeyVersion <KeyVrsn>	[1..1]	Text		958
	SequenceNumber <SeqNb>	[0..1]	Quantity		958
	DerivationIdentification <DerivtnId>	[0..1]	Binary		958

27.1.11.2.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "[AlgorithmIdentification29](#)" on page 1437 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1437
	Parameter <Param>	[0..1]			1439
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1440
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1440
	BytePadding <BPddg>	[0..1]	CodeSet		1440

27.1.11.2.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "[Max500Binary](#)" on page 1459

27.1.11.2.2.3 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 958 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		958
	KeyVersion <KeyVrsn>	[1..1]	Text		958
	SequenceNumber <SeqNb>	[0..1]	Quantity		958
	DerivationIdentification <DerivtnId>	[0..1]	Binary		958

27.1.11.2.3 MACAlgorithm <MACAlgo>

Presence: [1..1]

Definition: Algorithm to compute message authentication code (MAC).

MACAlgorithm <MACAlgo> contains the following elements (see "[AlgorithmIdentification22](#)" on page 1441 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1441
	Parameter <Param>	[0..1]			1443
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1443
	BytePadding <BPddg>	[0..1]	CodeSet		1443

27.1.11.2.4 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data to authenticate.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1385
	Content <Cntt>	[0..1]	Binary		1385

27.1.11.2.5 MAC <MAC>

Presence: [1..1]

Definition: Message authentication code value.

Datatype: "[Max140Binary](#)" on page 1458

27.1.11.3 EnvelopedData10

Definition: Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1403
	OriginatorInformation <OrgtrlInf>	[0..1]			1404
	Certificate <Cert>	[0..*]	Binary		1404
	Recipient <Rcpt>	[1..*]			1404
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1405
	Version <Vrsn>	[0..1]	Quantity		1406
	RecipientIdentification <RcptId>	[1..1]			1406
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1406
	Issuer <Issr>	[1..1]			1407
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408
	SerialNumber <SrlNb>	[1..1]	Binary		1408
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1408
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1408
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1408
Or	KEK <KEK>	[1..1]			1409
	Version <Vrsn>	[0..1]	Quantity		1409
	KEKIdentification <KEKId>	[1..1]	±		1409
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1409
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1410
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1410
	EncryptedContent <NcrptdCntt>	[0..1]			1410
	ContentType <CnttTp>	[1..1]	CodeSet		1410
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1411
	EncryptedData <NcrptdData>	[1..1]	Binary		1411

27.1.11.3.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.3.2 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		1404

27.1.11.3.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 1459

27.1.11.3.3 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or identification of the protection key used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient14Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1405
	Version <Vrsn>	[0..1]	Quantity		1406
	RecipientIdentification <RcptId>	[1..1]			1406
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1406
	Issuer <Issr>	[1..1]			1407
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408
	SerialNumber <SrlNb>	[1..1]	Binary		1408
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1408
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1408
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1408
Or	KEK <KEK>	[1..1]			1409
	Version <Vrsn>	[0..1]	Quantity		1409
	KEKIdentification <KEKId>	[1..1]	±		1409
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1409
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1410
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1410

27.1.11.3.3.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1406
	RecipientIdentification <Rcptld>	[1..1]			1406
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1406
	Issuer <Issr>	[1..1]			1407
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408
	SerialNumber <SrlNb>	[1..1]	Binary		1408
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1408
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1408
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1408

27.1.11.3.3.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.3.3.1.2 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]			1406
	Issuer <Issr>	[1..1]			1407
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408
	SerialNumber <SrlNb>	[1..1]	Binary		1408
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1408

27.1.11.3.3.1.2.1 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]			1407
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408
	SerialNumber <SrInb>	[1..1]	Binary		1408

27.1.11.3.3.1.2.1.1 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..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408

27.1.11.3.3.1.2.1.1.1 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		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408

27.1.11.3.3.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1470

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).

27.1.11.3.3.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1519

27.1.11.3.3.1.2.1.2 SerialNumber <SrInNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1459

27.1.11.3.3.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 1458

27.1.11.3.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification19" on page 1445 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1445
	Parameter <Param>	[0..1]			1445
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1446
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1446
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1447

27.1.11.3.3.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1459

27.1.11.3.3.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1409
	KEKIdentification <KEKId>	[1..1]	±		1409
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1409
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1410

27.1.11.3.3.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.3.3.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 958 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		958
	KeyVersion <KeyVrsn>	[1..1]	Text		958
	SequenceNumber <SeqNb>	[0..1]	Quantity		958
	DerivationIdentification <DerivtnId>	[0..1]	Binary		958

27.1.11.3.3.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification29" on page 1437 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1437
	Parameter <Param>	[0..1]			1439
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1440
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1440
	BytePadding <BPddg>	[0..1]	CodeSet		1440

27.1.11.3.3.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 1459

27.1.11.3.3.3 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 958 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		958
	KeyVersion <KeyVrsn>	[1..1]	Text		958
	SequenceNumber <SeqNb>	[0..1]	Quantity		958
	DerivationIdentification <DerivtnId>	[0..1]	Binary		958

27.1.11.3.4 EncryptedContent <NcrptdCntt>

Presence: [0..1]

Definition: Data protection by encryption (digital envelope), with an encryption key.

EncryptedContent <NcrptdCntt> contains the following **EncryptedContent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1410
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1411
	EncryptedData <NcrptdData>	[1..1]	Binary		1411

27.1.11.3.4.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been encrypted.

Datatype: "ContentType2Code" on page 1481

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).

27.1.11.3.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

Presence: [0..1]

Definition: Algorithm used to encrypt the data.

ContentEncryptionAlgorithm <CnttNcrptnAlgo> contains the following elements (see "AlgorithmIdentification29" on page 1437 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1437
	Parameter <Param>	[0..1]			1439
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1440
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1440
	BytePadding <BPddg>	[0..1]	CodeSet		1440

27.1.11.3.4.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data, result of the content encryption.

Datatype: "Max100KBinary" on page 1458

27.1.11.4 SignedData8

Definition: Digital signatures of data from one or several signers.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1412
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1412
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1413
	Certificate <Cert>	[0..*]	Binary		1413
	Signer <Sgnr>	[0..*]			1413
	Version <Vrsn>	[0..1]	Quantity		1414
	SignerIdentification <SgnrId>	[0..1]			1414
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1414
	Issuer </issr>	[1..1]			1414
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1415
	AttributeType <AttrTp>	[1..1]	CodeSet		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415
	SerialNumber <SrlNb>	[1..1]	Binary		1415
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		1416
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1416
	SignedAttributes <SgndAttrbts>	[0..*]			1416
	Name <Nm>	[1..1]	Text		1416
	Value <Val>	[0..1]	Text		1416
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1416
	Signature <Sgntr>	[1..1]	Binary		1417

27.1.11.4.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1516

27.1.11.4.2 DigestAlgorithm <DgstAlgo>

Presence: [0..*]

Definition: Identification of digest algorithm applied before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification21" on page 1444 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1444

27.1.11.4.3 EncapsulatedContent <NcpsltdCntt>

Presence: [0..1]

Definition: Data to sign.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 1385 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1385
	Content <Cntt>	[0..1]	Binary		1385

27.1.11.4.4 Certificate <Cert>

Presence: [0..*]

Definition: Chain of X.509 certificates.

Datatype: "Max5000Binary" on page 1459

27.1.11.4.5 Signer <Sgnr>

Presence: [0..*]

Definition: Digital signature and identification of a signer.

Signer <Sgnr> contains the following **Signer7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1414
	SignerIdentification <SgnrId>	[0..1]			1414
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1414
	Issuer <Issr>	[1..1]			1414
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1415
	AttributeType <AttrTp>	[1..1]	CodeSet		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415
	SerialNumber <SrlNb>	[1..1]	Binary		1415
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1416
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1416
	SignedAttributes <SgndAttrbts>	[0..*]			1416
	Name <Nm>	[1..1]	Text		1416
	Value <Val>	[0..1]	Text		1416
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1416
	Signature <Sgntr>	[1..1]	Binary		1417

27.1.11.4.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the Cryptographic Message Syntax (CMS) data structure.

Datatype: "Number" on page 1516

27.1.11.4.5.2 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]			1414
	Issuer <Issr>	[1..1]			1414
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1415
	AttributeType <AttrTp>	[1..1]	CodeSet		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415
	SerialNumber <SrlNb>	[1..1]	Binary		1415
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1416

27.1.11.4.5.2.1 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]			1414
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1415
	AttributeType <AttrTp>	[1..1]	CodeSet		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415
	SerialNumber <SrlNb>	[1..1]	Binary		1415

27.1.11.4.5.2.1.1 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..*]			1415
	AttributeType <AttrTp>	[1..1]	CodeSet		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415

27.1.11.4.5.2.1.1.1 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		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415

27.1.11.4.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1470

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).

27.1.11.4.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1519

27.1.11.4.5.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: ["Max500Binary" on page 1459](#)

27.1.11.4.5.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: ["Max140Binary" on page 1458](#)

27.1.11.4.5.3 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of a digest algorithm to apply before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see ["AlgorithmIdentification21" on page 1444](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1444

27.1.11.4.5.4 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		1416
	Value <Val>	[0..1]	Text		1416

27.1.11.4.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: ["Max70Text" on page 1522](#)

27.1.11.4.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: ["Max140Text" on page 1519](#)

27.1.11.4.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "AlgorithmIdentification30" on page 1433 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1433
	Parameter <Param>	[0..1]			1434
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1435
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1436
	Algorithm <Algo>	[1..1]	CodeSet		1436
	Parameter <Param>	[0..1]			1436
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1436
	SaltLength <SaltLngth>	[0..1]	Quantity		1437
	TrailerField <TrlrFld>	[0..1]	Quantity		1437
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1437

27.1.11.4.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "Max3000Binary" on page 1459

27.1.11.5 ContentInformationType36

Definition: General cryptographic message syntax (CMS) containing authenticated data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1417
	AuthenticatedData <AuthntcdData>	[1..1]	±		1418

27.1.11.5.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1481

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).

27.1.11.5.2 AuthenticatedData <AuthntcdData>

Presence: [1..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData9" on page 1394 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1395
	Recipient <Rcpt>	[1..*]			1395
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1396
	Version <Vrsn>	[0..1]	Quantity		1397
	RecipientIdentification <RcptId>	[1..1]			1397
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1397
	Issuer <Issr>	[1..1]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrlNb>	[1..1]	Binary		1399
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1399
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1399
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1399
Or	KEK <KEK>	[1..1]			1400
	Version <Vrsn>	[0..1]	Quantity		1400
	KEKIdentification <KEKId>	[1..1]	±		1400
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1400
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1401
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1401
	MACAlgorithm <MACAlgo>	[1..1]	±		1401
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1402
	MAC <MAC>	[1..1]	Binary		1402

27.1.11.6 ContentInformationType35

Definition: General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1420
	EnvelopedData <EnvlpdData>	[1..1]	±		1420

27.1.11.6.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1481

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).

27.1.11.6.2 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 "EnvelopedData10" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1403
	OriginatorInformation <OrgtrlInf>	[0..1]			1404
	Certificate <Cert>	[0..*]	Binary		1404
	Recipient <Rcpt>	[1..*]			1404
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1405
	Version <Vrsn>	[0..1]	Quantity		1406
	RecipientIdentification <RcptId>	[1..1]			1406
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1406
	Issuer <Issr>	[1..1]			1407
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408
	SerialNumber <SrlNb>	[1..1]	Binary		1408
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1408
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1408
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1408
Or	KEK <KEK>	[1..1]			1409
	Version <Vrsn>	[0..1]	Quantity		1409
	KEKIdentification <KEKId>	[1..1]	±		1409
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1409
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1410
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1410
	EncryptedContent <NcrptdCntt>	[0..1]			1410
	ContentType <CnttTp>	[1..1]	CodeSet		1410
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1411
	EncryptedData <NcrptdData>	[1..1]	Binary		1411

27.1.11.7 ContentInformationType34

Definition: General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <Dgstddata>	[0..1]	±		1425

27.1.11.7.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1481

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).

27.1.11.7.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Data protection by encryption, with a session key.

EnvelopedData <EnvlpdData> contains the following elements (see "EnvelopedData10" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1403
	OriginatorInformation <OrgtrlInf>	[0..1]			1404
	Certificate <Cert>	[0..*]	Binary		1404
	Recipient <Rcpt>	[1..*]			1404
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1405
	Version <Vrsn>	[0..1]	Quantity		1406
	RecipientIdentification <RcptId>	[1..1]			1406
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1406
	Issuer <Issr>	[1..1]			1407
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1407
	AttributeType <AttrTp>	[1..1]	CodeSet		1407
	AttributeValue <AttrVal>	[1..1]	Text		1408
	SerialNumber <SrlNb>	[1..1]	Binary		1408
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1408
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1408
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1408
Or	KEK <KEK>	[1..1]			1409
	Version <Vrsn>	[0..1]	Quantity		1409
	KEKIdentification <KEKId>	[1..1]	±		1409
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1409
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1410
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1410
	EncryptedContent <NcrptdCntt>	[0..1]			1410
	ContentType <CnttTp>	[1..1]	CodeSet		1410
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1411
	EncryptedData <NcrptdData>	[1..1]	Binary		1411

27.1.11.7.3 AuthenticatedData <AuthntcdData>

Presence: [0..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData9" on page 1394 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1395
	Recipient <Rcpt>	[1..*]			1395
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1396
	Version <Vrsn>	[0..1]	Quantity		1397
	RecipientIdentification <RcptId>	[1..1]			1397
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1397
	Issuer <Issr>	[1..1]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrlNb>	[1..1]	Binary		1399
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1399
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1399
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1399
Or	KEK <KEK>	[1..1]			1400
	Version <Vrsn>	[0..1]	Quantity		1400
	KEKIdentification <KEKId>	[1..1]	±		1400
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1400
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1401
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1401
	MACAlgorithm <MACAlgo>	[1..1]	±		1401
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1402
	MAC <MAC>	[1..1]	Binary		1402

27.1.11.7.4 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData8" on page 1411 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1412
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1412
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1413
	Certificate <Cert>	[0..*]	Binary		1413
	Signer <Sgnr>	[0..*]			1413
	Version <Vrsn>	[0..1]	Quantity		1414
	SignerIdentification <SgnrId>	[0..1]			1414
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1414
	Issuer <Issr>	[1..1]			1414
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1415
	AttributeType <AttrTp>	[1..1]	CodeSet		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415
	SerialNumber <SrlNb>	[1..1]	Binary		1415
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1416
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1416
	SignedAttributes <SgndAttrbts>	[0..*]			1416
	Name <Nm>	[1..1]	Text		1416
	Value <Val>	[0..1]	Text		1416
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1416
	Signature <Sgntr>	[1..1]	Binary		1417

27.1.11.7.5 DigestedData <DgstdData>

Presence: [0..1]

Definition: Data protected by a digest.

DigestedData <DgstdData> contains the following elements (see "DigestedData5" on page 1393 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1394
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1394
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1394
	Digest <Dgst>	[1..1]	Binary		1394

27.1.11.8 ContentInformationType33

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		1426
	AuthenticatedData <AuthntcdData>	[0..1]	±		1426
	SignedData <SgndData>	[0..1]	±		1427

27.1.11.8.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1481

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).

27.1.11.8.2 AuthenticatedData <AuthntcdData>

Presence: [0..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData9" on page 1394 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1395
	Recipient <Rcpt>	[1..*]			1395
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1396
	Version <Vrsn>	[0..1]	Quantity		1397
	RecipientIdentification <RcptId>	[1..1]			1397
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1397
	Issuer <Issr>	[1..1]			1398
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1398
	AttributeType <AttrTp>	[1..1]	CodeSet		1398
	AttributeValue <AttrVal>	[1..1]	Text		1399
	SerialNumber <SrlNb>	[1..1]	Binary		1399
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		1399
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1399
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1399
Or	KEK <KEK>	[1..1]			1400
	Version <Vrsn>	[0..1]	Quantity		1400
	KEKIdentification <KEKId>	[1..1]	±		1400
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1400
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1401
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1401
	MACAlgorithm <MACAlgo>	[1..1]	±		1401
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1402
	MAC <MAC>	[1..1]	Binary		1402

27.1.11.8.3 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData8" on page 1411 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1412
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1412
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1413
	Certificate <Cert>	[0..*]	Binary		1413
	Signer <Sgnr>	[0..*]			1413
	Version <Vrsn>	[0..1]	Quantity		1414
	SignerIdentification <SgnrId>	[0..1]			1414
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1414
	Issuer <Issr>	[1..1]			1414
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1415
	AttributeType <AttrTp>	[1..1]	CodeSet		1415
	AttributeValue <AttrVal>	[1..1]	Text		1415
	SerialNumber <SrlNb>	[1..1]	Binary		1415
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		1416
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1416
	SignedAttributes <SgndAttrbts>	[0..*]			1416
	Name <Nm>	[1..1]	Text		1416
	Value <Val>	[0..1]	Text		1416
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1416
	Signature <Sgntr>	[1..1]	Binary		1417

27.1.11.9 CryptographicKey17

Definition: Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1429
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1429
	Name <Nm>	[0..1]	Text		1429
	SecurityProfile <SctyPrfl>	[0..1]	Text		1430
	ItemNumber <ItmNb>	[0..1]	Text		1430
	Version <Vrsn>	[1..1]	Text		1430
	Type <Tp>	[0..1]	CodeSet		1430
	Function <Fctn>	[0..*]	CodeSet		1431
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1431
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1431
	KeyValue <KeyVal>	[0..1]	±		1432
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1432
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1432
	Name <Nm>	[1..1]	Text		1432
	Value <Val>	[0..1]	Text		1432

27.1.11.9.1 Identification <Id>

Presence: [1..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 1520

27.1.11.9.2 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 1459

27.1.11.9.3 Name <Nm>

Presence: [0..1]

Definition: Name of the Cryptographic Element.

Datatype: "Max256Text" on page 1519

27.1.11.9.4 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to which this element belongs.

Datatype: "Max35Text" on page 1520

27.1.11.9.5 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 1520

27.1.11.9.6 Version <Vrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max256Text" on page 1519

27.1.11.9.7 Type <Tp>

Presence: [0..1]

Definition: Type of algorithm used by the cryptographic key.

Datatype: "CryptographicKeyType3Code" on page 1481

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).

27.1.11.9.8 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 1488

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.

27.1.11.9.9 ActivationDate <Actvtndt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODateTime" on page 1514

27.1.11.9.10 DeactivationDate <Deactvtndt>

Presence: [0..1]

Definition: Date and time on which the key must be deactivated.

Datatype: "ISODateTime" on page 1514

27.1.11.9.11 KeyValue <KeyVal>

Presence: [0..1]

Definition: Encrypted cryptographic key.

KeyValue <KeyVal> contains the following elements (see "[ContentInformationType34](#)" on page 1421 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1422
	EnvelopedData <EnvlpdData>	[0..1]	±		1422
	AuthenticatedData <AuthntcdData>	[0..1]	±		1423
	SignedData <SgndData>	[0..1]	±		1424
	DigestedData <DgstdData>	[0..1]	±		1425

27.1.11.9.12 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "[Max35Binary](#)" on page 1459

27.1.11.9.13 AdditionalManagementInformation <AddtlMgmtInf>

Presence: [0..*]

Definition: Additional Information needed by the receiver to securely process the management of the security element.

AdditionalManagementInformation <AddtlMgmtInf> contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1432
	Value <Val>	[0..1]	Text		1432

27.1.11.9.13.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "[Max70Text](#)" on page 1522

27.1.11.9.13.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "[Max140Text](#)" on page 1519

27.1.11.10 AlgorithmIdentification30

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		1433
	Parameter <Param>	[0..1]			1434
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1435
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1436
	Algorithm <Algo>	[1..1]	CodeSet		1436
	Parameter <Param>	[0..1]			1436
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1436
	SaltLength <SaltLngth>	[0..1]	Quantity		1437
	TrailerField <TrlrFld>	[0..1]	Quantity		1437
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1437

27.1.11.10.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm25Code" on page 1467

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
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.

CodeName	Name	Definition
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.

27.1.11.10.2 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 **Parameter15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1435
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1436
	Algorithm <Algo>	[1..1]	CodeSet		1436
	Parameter <Param>	[0..1]			1436
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1436
	SaltLength <SaltLngth>	[0..1]	Quantity		1437
	TrailerField <TrlrFld>	[0..1]	Quantity		1437
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1437

27.1.11.10.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1462

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).

CodeName	Name	Definition
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

27.1.11.10.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following **AlgorithmIdentification12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1436
	Parameter <Param>	[0..1]			1436
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1436

27.1.11.10.2.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 1469

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).

27.1.11.10.2.2.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the mask generator function cryptographic algorithm.

Parameter <Param> contains the following **Parameter5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1436

27.1.11.10.2.2.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm11Code" on page 1462

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).

27.1.11.10.2.3 SaltLength <SaltLngth>

Presence: [0..1]

Definition: Length of the salt to include in the signature.

Datatype: "Number" on page 1516

27.1.11.10.2.4 TrailerField <TrlrFld>

Presence: [0..1]

Definition: Trailer field number.

Datatype: "Number" on page 1516

27.1.11.10.2.5 OIDCurveName <OIDCrvNm>

Presence: [0..1]

Definition: Name of the Elliptic Curve according to the OID notation.

Datatype: "Max140Text" on page 1519

27.1.11.11 AlgorithmIdentification29

Definition: Cryptographic algorithm and parameters for the protection of the transported key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1437
	Parameter <Param>	[0..1]			1439
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1440
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1440
	BytePadding <BPddg>	[0..1]	CodeSet		1440

27.1.11.11.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm24Code" on page 1465

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 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.

CodeName	Name	Definition
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 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).

27.1.11.11.2 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		1440
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		1440
	BytePadding <BPddg>	[0..1]	CodeSet		1440

27.1.11.11.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1484

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.

27.1.11.11.2.2 InitialisationVector <InitlstrVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 1459

27.1.11.11.2.3 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 1474

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.

27.1.11.12 AlgorithmIdentification22

Definition: Identification of a cryptographic algorithm and parameters for the MAC computation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1441
	Parameter <Param>	[0..1]			1443
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1443
	BytePadding <BPddg>	[0..1]	CodeSet		1443

27.1.11.12.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the MAC algorithm.

Datatype: "Algorithm17Code" on page 1463

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

CodeName	Name	Definition
		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.
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.

CodeName	Name	Definition
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).

27.1.11.12.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the MAC algorithm.

Parameter <Param> contains the following **Parameter7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationVector <InitIstnVctr>	[0..1]	Binary		1443
	BytePadding <BPddg>	[0..1]	CodeSet		1443

27.1.11.12.2.1 InitialisationVector <InitIstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 1459

27.1.11.12.2.2 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 1474

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.

27.1.11.13 AlgorithmIdentification21

Definition: Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1444

27.1.11.13.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1462

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).

CodeName	Name	Definition
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).

27.1.11.14 AlgorithmIdentification19

Definition: Cryptographic algorithms and parameters for the protection of transported keys by an asymmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1445
	Parameter <Param>	[0..1]			1445
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1446
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1446
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1447

27.1.11.14.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 1468

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

27.1.11.14.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the encryption algorithm.

Parameter <Param> contains the following **Parameter10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1446
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1446
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1447

27.1.11.14.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1484

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.

27.1.11.14.2.2 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1462

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).

CodeName	Name	Definition
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

27.1.11.14.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification18" on page 1447 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1447
	Parameter <Param>	[0..1]			1448
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1448

27.1.11.15 AlgorithmIdentification18

Definition: Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1447
	Parameter <Param>	[0..1]			1448
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1448

27.1.11.15.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 1469

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).

27.1.11.15.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the mask generator function cryptographic algorithm.

Parameter <Param> contains the following **Parameter9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1448

27.1.11.15.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm16Code" on page 1462

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

27.1.12 Structured Postal Address

27.1.12.1 PostalAddress2

Definition: Address of a party expressed in a formal structure, usually according to the country's postal services specifications.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		1449
	PostCodeIdentification <PstCld>	[1..1]	Text		1449
	TownName <TwnNm>	[1..1]	Text		1449
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1449
	Country <Ctry>	[1..1]	CodeSet	C2	1449

27.1.12.1.1 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1522

27.1.12.1.2 PostCodeIdentification <PstCld>

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 1519

27.1.12.1.3 TownName <TwnNm>

Presence: [1..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 1520

27.1.12.1.4 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 1520

27.1.12.1.5 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1481

Constraints

- **Country**

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

27.1.13 Synchronisation

27.1.13.1 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		1450
	MaximumNumber <MaxNb>	[0..1]	Quantity		1450
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1450

27.1.13.1.1 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 1523

27.1.13.1.2 MaximumNumber <MaxNb>

Presence: [0..1]

Definition: Maximum number of retries.

Datatype: "Number" on page 1516

27.1.13.1.3 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 1508

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.
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

27.1.13.2 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		1451
	EndTime <EndTm>	[0..1]	DateTime		1451
	Period <Prd>	[0..1]	Text		1451
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		1451

27.1.13.2.1 StartTime <StartTm>

Presence: [0..1]

Definition: Date and time to start the action.

Datatype: "ISODatetime" on page 1514

27.1.13.2.2 EndTime <EndTm>

Presence: [0..1]

Definition: Date and time after which the action cannot be processed.

Datatype: "ISODatetime" on page 1514

27.1.13.2.3 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 1523

27.1.13.2.4 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 1508

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.
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

27.1.14 Token

27.1.14.1 Token1

Definition: Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1452
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1452
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1452
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1452
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1452
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1453

27.1.14.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 1519

27.1.14.1.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "Exact4NumericText" on page 1518

27.1.14.1.3 TokenRequestorIdentification <TknRqstrld>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 1518

27.1.14.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 1519

27.1.14.1.5 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 1520

27.1.14.1.6 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 1516):

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

27.1.14.2 MerchantToken2

Definition: Merchant token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1453
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1453
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1453
	TokenRequestor <TknRqstr>	[0..1]			1454
	ProviderIdentification <PrvdrlId>	[1..1]	Text		1454
	RequestorIdentification <Rqstrld>	[1..1]	Text		1454
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1454
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1454
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1454
	TokenInitiatedIndicator <TknInittndInd>	[0..1]	Indicator		1454

27.1.14.2.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max35Text" on page 1520

27.1.14.2.2 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 1518

27.1.14.2.3 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 1520

27.1.14.2.4 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		1454
	RequestorIdentification <RqstrId>	[1..1]	Text		1454

27.1.14.2.4.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 1520

27.1.14.2.4.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 1520

27.1.14.2.5 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 1516

27.1.14.2.6 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 1459

27.1.14.2.7 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 1520

27.1.14.2.8 TokenInitiatedIndicator <TknInittdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.1.14.3 CardPaymentToken5

Definition: Payment token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1455
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1455
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1455
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1455
	TokenRequestor <TknRqstr>	[0..1]			1456
	ProviderIdentification <PrvdrlId>	[1..1]	Text		1456
	RequestorIdentification <RqstrId>	[1..1]	Text		1456
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1456
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1456
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1456
	TokenInitiatedIndicator <TknInittId>	[0..1]	Indicator		1456

27.1.14.3.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Min8Max28NumericText" on page 1524

27.1.14.3.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a payment token inside a set of cards with the same PAN.

Datatype: "Min2Max3NumericText" on page 1523

27.1.14.3.3 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 1518

27.1.14.3.4 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 1520

27.1.14.3.5 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		1456
	RequestorIdentification <RqstrId>	[1..1]	Text		1456

27.1.14.3.5.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 1520

27.1.14.3.5.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 1520

27.1.14.3.6 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 1516

27.1.14.3.7 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 1459

27.1.14.3.8 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 1520

27.1.14.3.9 TokenInitiatedIndicator <TknInittdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1516):

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

27.2 Message Datatypes

27.2.1 Amount

27.2.1.1 CurrencyAndAmount

Definition: Number of monetary units specified in a currency, where the unit of currency is explicit and compliant with ISO 4217. The decimal separator is a dot.

Note: A zero amount is considered a positive amount.

Type: Amount

This data type contains the following XML attribute:

Name	Attribute XML Name	Datatype
Currency	Ccy	"CurrencyCode" on page 1482

Format

minInclusive	0
totalDigits	18
fractionDigits	5

Constraints

- **ValidationByTable**

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

27.2.1.2 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

27.2.2 Binary

27.2.2.1 Max10000Binary

Definition: Specifies a binary string with a maximum length of 10000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	10000

27.2.2.2 Max100KBinary

Definition: Binary data of 100K maximum.

Type: Binary

Format

minLength	1
maxLength	102400

27.2.2.3 Max10KBinary

Definition: Binary data of 10K maximum.

Type: Binary

Format

minLength	1
maxLength	10240

27.2.2.4 Max140Binary

Definition: Specifies a binary string with a maximum length of 140 binary bytes.

Type: Binary

Format

minLength	1
maxLength	140

27.2.2.5 Max2KBinary

Definition: Binary data of 2K maximum.

Type: Binary

Format

minLength	1
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maxLength	2048
-----------	------

27.2.2.6 Max2MBBinary

Definition: Binary data of 2MB maximum.

Type: Binary

Format

minLength	1
maxLength	2097152

27.2.2.7 Max3000Binary

Definition: Specifies a binary string with a maximum length of 3000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	3000

27.2.2.8 Max35Binary

Definition: Specifies a binary string with a maximum length of 35 binary bytes.

Type: Binary

Format

minLength	1
maxLength	35

27.2.2.9 Max5000Binary

Definition: Specifies a binary string with a maximum length of 5000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	5000

27.2.2.10 Max500Binary

Definition: Specifies a binary string with a maximum length of 500 binary bytes.

Type: Binary

Format

minLength	1
-----------	---

maxLength

500

27.2.3 CodeSet

27.2.3.1 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.

27.2.3.2 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.
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.

CodeName	Name	Definition
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.

27.2.3.3 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.

27.2.3.4 AddressType2Code

Definition: Specifies the type of address.

Type: CodeSet

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.

CodeName	Name	Definition
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.

27.2.3.5 Algorithm11Code

Definition: Identification of a digest algorithm.

Type: CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).

27.2.3.6 Algorithm16Code

Definition: Identification of a digest algorithm.

Type: CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).

CodeName	Name	Definition
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).

27.2.3.7 Algorithm17Code

Definition: Cryptographic algorithms for the MAC (Message Authentication Code).

Type: CodeSet

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

CodeName	Name	Definition
		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.
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).

CodeName	Name	Definition
		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).

27.2.3.8 Algorithm24Code

Definition: Cryptographic algorithms for the protection of transported keys.

Type: CodeSet

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.

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).

27.2.3.9 Algorithm25Code

Definition: Cryptographic algorithms for digital signatures.

Type: CodeSet

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS

CodeName	Name	Definition
		#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.

27.2.3.10 Algorithm7Code

Definition: Asymmetric encryption algorithm of a transport key.

Type: CodeSet

CodeName	Name	Definition
ERSA	RSASignature	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).

CodeName	Name	Definition
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

27.2.3.11 Algorithm8Code

Definition: Mask generator functions of the RSAES-OAEP encryption algorithm (RSA Encryption Scheme: Optimal Asymmetric Encryption Padding).

Type: CodeSet

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA digital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

27.2.3.12 AmountUnit1Code

Definition: Unit of a amount (for loyalty or account).

Type: CodeSet

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

27.2.3.13 AttendanceContext1Code

Definition: Human attendance at the POI location during the transaction.

Type: CodeSet

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

27.2.3.14 AttendanceContext2Code

Definition: Identify the method of delivery or distribution.

Type: CodeSet

CodeName	Name	Definition
ATTL	AttendantDelivery	Delivery by an attendant.
CARR	CarrierDelivery	Delivery by a carrier.

CodeName	Name	Definition
CUST	CustomerDelivery	Delivery by the customer.
FULL	FullServe	Full service for fuel distribution.
SELF	SelfServe	Self service for fuel distribution.

27.2.3.15 AttributeType1Code

Definition: Type of attribute of a distinguished name (DN).

Type: CodeSet

CodeName	Name	Definition
CNAT	CommonName	Common name of the attribute (ASN.1 Object Identifier: id-at-commonName).
LATT	Locality	Locality of the attribute (ASN.1 Object Identifier: id-at-localityName).
OATT	OrganisationName	Organization name of the attribute (ASN.1 Object Identifier: id-at-organizationName).
OUAT	OrganisationUnitName	Organization unit name of the attribute (ASN.1 Object Identifier: id-at-organizationalUnitName).
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

27.2.3.16 AuthenticationEntity2Code

Definition: Entity or device that has performed the verification.

Type: CodeSet

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

27.2.3.17 AuthenticationMethod6Code

Definition: Methods used to authenticate a person or a card.

Type: CodeSet

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).

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

27.2.3.18 AuthenticationMethod8Code

Definition: Method to authenticate the customer or its card.

Type: CodeSet

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.

CodeName	Name	Definition
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).
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.

27.2.3.19 AuthenticationResult1Code

Definition: Specifies the result of authentication done.

Type: CodeSet

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

27.2.3.20 BarcodeType1Code

Definition: Type of BarCode coding.

Type: CodeSet

CodeName	Name	Definition
COQR	BarcodeEncodedAs2DQRCode	Barcode encoded according to the 2Dimensions Quick Response Code Standard.
C128	BarcodeEncodedAsCode128	Barcode encoded according to the Code 128 standard.
C025	BarcodeEncodedAsCode25	Barcode encoded according to the Code 25 standard.
C039	BarcodeEncodedAsCode39	Barcode encoded according to the Code 39 standard.
EA13	BarcodeEncodedAsEA13	Barcode encoded according to the EAN13 standard.
EAN8	BarcodeEncodedAsEAN8	Barcode encoded according to the EAN8 standard.
P417	BarcodeEncodedAsPDF417	Barcode encoded according to the PDF417 standard.
UPCA	BarcodeEncodedAsUPCA	Barcode encoded according to the UPCA standard.

27.2.3.21 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.

27.2.3.22 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.

27.2.3.23 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.

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

27.2.3.24 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.

27.2.3.25 CardDataReading8Code

Definition: Type of reading of the card data.

Type: CodeSet

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

27.2.3.26 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.

27.2.3.27 CardholderVerificationCapability4Code

Definition: Cardholder verification capabilities by the terminal.

Type: CodeSet

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account based digital signature.
CHDT	CardholderData	Cardholder authentication data.
MNSG	ManualSignature	Manual signature verification.
MNVR	ManualVerification	Other manual verification, for example passport or drivers license.
FBIG	OfflineBiographics	Offline biographics.
FBIO	OfflineBiometrics	Offline biometrics.
FDSG	OfflineDigitalSignature	Offline digital signature analysis.
FCPN	OfflinePINCLEAR	Offline PIN in clear (Personal Identification Number).
FEPN	OfflinePINEncrypted	Offline PIN encrypted (Personal Identification Number).
NPIN	OnLinePIN	Online PIN (Personal Identification Number).
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature.
SCEC	SecureElectronicCommerce	Three domain secure (three domain secure authentication of the cardholder).
NBIO	OnLineBiometrics	Online biometrics.
NOVF	NoCapabilities	No cardholder verification capability.
OTHR	Other	Other cardholder verification capabilities.

27.2.3.28 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	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

27.2.3.29 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.
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.

27.2.3.30 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.

CodeName	Name	Definition
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

27.2.3.31 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.
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.

27.2.3.32 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).

CodeName	Name	Definition
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.

27.2.3.33 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.

27.2.3.34 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.

CodeName	Name	Definition
PERS	PersonalCheck	The check belongs to an individual.

27.2.3.35 ContentType2Code

Definition: Identification of the type of a Cryptographic Message Syntax (CMS) data structure.

Type: CodeSet

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

27.2.3.36 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).

27.2.3.37 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).

CodeName	Name	Definition
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).

27.2.3.38 CurrencyCode

Definition: Code allocated to a currency, by a maintenance agency, under an international identification scheme as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds". Valid currency codes are registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters.

Type: CodeSet

Format

pattern [A-Z]{3,3}

Constraints

- **ValidationByTable**

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

27.2.3.39 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.

CodeName	Name	Definition
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.

27.2.3.40 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.
RCLE	ReconciliationError	Batch of transaction that have generated an error in the totals of the reconciliation.

27.2.3.41 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

CodeName	Name	Definition
		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.

27.2.3.42 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.

27.2.3.43 Exemption1Code

Definition: Strong customer authentication exemption.

Type: CodeSet

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.

CodeName	Name	Definition
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.

27.2.3.44 FailureReason3Code

Definition: List of incidents happening at the acceptor during the transaction.

Type: CodeSet

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

27.2.3.45 Frequency3Code

Definition: Specifies the regularity of an event.

Type: CodeSet

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.

CodeName	Name	Definition
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.

27.2.3.46 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.

27.2.3.47 InformationQualify1Code

Definition: Qualification of the information to sent to an output logical device, to display or print to the Cashier or the Customer.

Type: CodeSet

CodeName	Name	Definition
CUSA	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
DISP	Display	Standard display interface.
DOCT	Document	When the POI System wants to print specific document (check, dynamic currency conversion ...). Used by the Sale System when the printer is not located on the Sale System.
ERRO	Error	The information is related to an error situation occurring on the message sender.
INPT	Input	Answer to a question or information to be entered by the Cashier or the Customer, at the request of the POI Terminal or the Sale Terminal.

CodeName	Name	Definition
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.

27.2.3.48 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.

27.2.3.49 InstalmentPeriod1Code

Definition: Instalment period.

Type: CodeSet

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

27.2.3.50 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.

27.2.3.51 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

27.2.3.52 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}

27.2.3.53 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).

CodeName	Name	Definition
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.

27.2.3.54 LanguageCode

Definition: Specifies a language.

Type: CodeSet

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.2.3.55 LocationCategory3Code

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

Type: CodeSet

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

27.2.3.56 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.

27.2.3.57 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.
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.

27.2.3.58 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

CodeName	Name	Definition
		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.

27.2.3.59 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.

27.2.3.60 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.
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.

27.2.3.61 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.

27.2.3.62 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).

27.2.3.63 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.
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.

27.2.3.64 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.

27.2.3.65 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.

27.2.3.66 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.
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.

CodeName	Name	Definition
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

27.2.3.67 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.

27.2.3.68 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.

27.2.3.69 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.

CodeName	Name	Definition
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.

27.2.3.70 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	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

27.2.3.71 PartyType33Code

Definition: Identification of the type of entity involved in a transaction.

Type: CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.

CodeName	Name	Definition
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.

27.2.3.72 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.

27.2.3.73 PartyType4Code

Definition: Entity assigning an identification (for example merchant, acceptor, acquirer, tax authority, etc.).

Type: CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

27.2.3.74 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.

27.2.3.75 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.

27.2.3.76 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.

CodeName	Name	Definition
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.

27.2.3.77 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.

27.2.3.78 POICommunicationType2Code

Definition: Low level communication of the hardware or software component toward another component or an external entity.

Type: CodeSet

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.

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.

27.2.3.79 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.

27.2.3.80 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.

27.2.3.81 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.

CodeName	Name	Definition
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.

27.2.3.82 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.

CodeName	Name	Definition
KANJ	Kanji	Kanji value provided in Quick Response Code Binary Value.
NUME	Numeric	Numeric value provided in Barcode field.

27.2.3.83 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%

27.2.3.84 RejectReason1Code

Definition: Reason of transmission of a rejection message in response to a request or an advice.

Type: CodeSet

CodeName	Name	Definition
UNPR	UnableToProcess	Not possible to process the message, for instance the security module is unavailable, the hardware is unavailable, or there is a problem of resource.
IMSG	InvalidMessage	Invalid envelope of the message.
PARS	ParsingError	Invalid message: At least one of the data element or data structure is not present, the format, or the content of one data element or one data structure is not correct.
SECU	Security	Security error (for example an invalid key or an incorrect MAC value).
INTP	InitiatingParty	Invalid identification data for the sender.
RCPD	RecipientParty	Invalid identification data for the the receiver.
DPMG	DuplicateMessage	Duplicate message, the identification of the exchange is the same than a previous message.
VERS	ProtocolVersion	Version of the protocol couldn't be supported by the recipient.
MSGT	MessageType	Type of message the recipient receives is unknow or unsupported.

27.2.3.85 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.

27.2.3.86 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 partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

27.2.3.87 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 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).

27.2.3.88 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 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.

27.2.3.89 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.

27.2.3.90 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.

27.2.3.91 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.

27.2.3.92 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 ...).
PRRP	PrinterReceipt	Printer for the Payment receipt.
PRVC	PrinterVoucher	Coupons, voucher or special ticket generated by the POI and to be printed.

27.2.3.93 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.

27.2.3.94 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.

27.2.3.95 StoredValueTransactionType2Code

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.

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.

27.2.3.96 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.

27.2.3.97 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.
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

27.2.3.98 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.

27.2.3.99 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.

27.2.3.100 TrackFormat1Code

Definition: Use to identify format of a track on a card or other documents like checks.

Type: CodeSet

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.

27.2.3.101 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.

27.2.3.102 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.

27.2.3.103 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).
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.

27.2.3.104 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.

27.2.3.105 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.

27.2.3.106 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).

CodeName	Name	Definition
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.
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.

27.2.3.107 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.

27.2.3.108 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.

CodeName	Name	Definition
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

27.2.4 Date

27.2.4.1 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

27.2.5 DateTime

27.2.5.1 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

27.2.6 IdentifierSet

27.2.6.1 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.

27.2.6.2 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}

27.2.6.3 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.

27.2.6.4 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}

27.2.7 Indicator

27.2.7.1 PlusOrMinusIndicator

Definition: Indicates a positive or negative value.

Type: Indicator

Meaning When True: Plus

Meaning When False: Minus

27.2.7.2 TrueFalseIndicator

Definition: A flag indicating a True or False value.

Type: Indicator

Meaning When True: True

Meaning When False: False

27.2.8 Quantity

27.2.8.1 DecimalNumber

Definition: Number of objects represented as a decimal number, for example 0.75 or 45.6.

Type: Quantity

Format	
totalDigits	18
fractionDigits	17

27.2.8.2 Number

Definition: Number of objects represented as an integer.

Type: Quantity

Format	
totalDigits	18
fractionDigits	0

27.2.8.3 PositiveNumber

Definition: Number of objects represented as a positive integer.

Type: Quantity

Format

minInclusive	1
totalDigits	18
fractionDigits	0

27.2.9 Rate

27.2.9.1 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

27.2.9.2 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

27.2.10 Text

27.2.10.1 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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27.2.10.2 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.

Type: Text

Format	
pattern	[0-9]{3}

27.2.10.3 Exact4NumericText

Definition: Specifies a numeric string with an exact length of 4 digits.
Type: Text

Format	
pattern	[0-9]{4}

27.2.10.4 Max1025Text

Definition: Specifies a character string with a maximum length of 1025 characters.
Type: Text

Format	
minLength	1
maxLength	1025

27.2.10.5 Max104Text

Definition: Specifies a character string with a maximum length of 104 characters.
Type: Text

Format	
minLength	1
maxLength	104

27.2.10.6 Max10Text

Definition: Specifies a character string with a maximum length of 10 characters.
Type: Text

Format	
minLength	1
maxLength	10

27.2.10.7 Max11NumericText

Definition: Specifies a numeric string with a maximum length of 11 digits.
Type: Text

Format	
pattern	[0-9]{1,11}

27.2.10.8 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

27.2.10.9 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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27.2.10.10 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

27.2.10.11 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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27.2.10.12 Max20000Text

Definition: Specifies a character string with a maximum length of 20, 000 characters.

Type: Text

Format

minLength	1
maxLength	20000

27.2.10.13 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

27.2.10.14 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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27.2.10.15 Max30Text

Definition: Specifies a character string with a maximum length of 30 characters.

Type: Text

Format

maxLength	30
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27.2.10.16 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format

minLength	1
maxLength	350

27.2.10.17 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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27.2.10.18 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

Type: Text

Format

minLength	1
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maxLength	35
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27.2.10.19 Max37Text

Definition: Specifies a character string with a maximum length of 37 characters.

Type: Text

Format

minLength	1
maxLength	37

27.2.10.20 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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27.2.10.21 Max3Text

Definition: Specifies a character string with a maximum length of 3 characters.

Type: Text

Format

minLength	1
maxLength	3

27.2.10.22 Max45Text

Definition: Specifies a character string with a maximum length of 45 characters.

Type: Text

Format

minLength	1
maxLength	45

27.2.10.23 Max500Text

Definition: Specifies a character string with a maximum length of 500 characters.

Type: Text

Format

minLength	1
maxLength	500

27.2.10.24 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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27.2.10.25 Max6Text

Definition: Specifies a character string with a maximum length of 6 characters.

Type: Text

Format

minLength	1
maxLength	6

27.2.10.26 Max70Text

Definition: Specifies a character string with a maximum length of 70characters.

Type: Text

Format

minLength	1
maxLength	70

27.2.10.27 Max76Text

Definition: Specifies a character string with a maximum length of 76 characters.

Type: Text

Format

minLength	1
maxLength	76

27.2.10.28 Max8000Text

Definition: Specifies a character string with a maximum length of 8000 characters.

Type: Text

Format

minLength	1
maxLength	8000

27.2.10.29 Max8Text

Definition: Specifies a character string with a maximum length of 8 characters.

Type: Text

Format

minLength	1
maxLength	8

27.2.10.30 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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27.2.10.31 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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27.2.10.32 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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27.2.10.33 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

27.2.10.34 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

27.2.10.35 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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27.2.10.36 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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