ISO 20022

Card Payments Exchanges - Acceptor to Acquirer - DRAFT -

Message Definition Report - Part 2

For review by the Cards and Related Financial Services SEG

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

December 2021

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1 Message Set Overview

Introduction

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

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
DRAFT1caaa.001.001.11 AcceptorAuthorisationRequestV11	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.
DRAFT1caaa.002.001.11 AcceptorAuthorisationResponseV11	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.
DRAFT1caaa.003.001.11 AcceptorCompletionAdviceV11	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.
DRAFT1caaa.004.001.10 AcceptorCompletionAdviceResponseV10	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.
DRAFT1caaa.005.001.11 AcceptorCancellationRequestV11	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.
DRAFT1caaa.006.001.10 AcceptorCancellationResponseV10	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.
DRAFT1caaa.007.001.11 AcceptorCancellationAdviceV11	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.
DRAFT1caaa.008.001.10 AcceptorCancellationAdviceResponseV10	The AcceptorCancellationAdviceResponse message is sent by the acquirer (or its agent) to acknowledge the

MessageDefinition	Definition
	acceptor (or its agent) about the notification of the payment cancellation.
DRAFT1caaa.009.001.10 AcceptorReconciliationRequestV10	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.
DRAFT1caaa.010.001.09 AcceptorReconciliationResponseV09	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.
DRAFT1caaa.011.001.11 AcceptorBatchTransferV11	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).
DRAFT1caaa.012.001.10 AcceptorBatchTransferResponseV10	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.
DRAFT1caaa.013.001.10 AcceptorDiagnosticRequestV10	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.
DRAFT1caaa.014.001.09 AcceptorDiagnosticResponseV09	The AcceptorDiagnosticResponse message is sent by the acquirer (or its agent) to provide to the acceptor the result of the diagnostic request.
DRAFT1caaa.016.001.09 AcceptorCurrencyConversionRequestV09	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.
DRAFT1caaa.017.001.09 AcceptorCurrencyConversionResponseV09	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.
DRAFT1caaa.018.001.06 AcceptorCurrencyConversionAdviceV06	The AcceptorCurrencyConversionAdvice message is sent by the card acceptor to inform the currency conversion service provider of the outcome of the card currency conversion.
DRAFT1caaa.019.001.05 AcceptorCurrencyConversionAdviceResponseV05	The AcceptorCurrencyConversionAdviceResponse message is sent by the service provider to acknowledge the acceptor about the notification of the reception of the currency conversion advice.
DRAFT1caaa.020.001.03 TransactionAdviceV03	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.

MessageDefinition	Definition
DRAFT1caaa.021.001.03 TransactionAdviceResponseV03	The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.
DRAFT1caaa.022.001.02 AcceptorNonFinancialRequestV02	The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).
DRAFT1caaa.023.001.02 AcceptorNonFinancialResponseV02	The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide addintional information.
DRAFT1caaa.024.001.02 AcceptorTransactionLogReportRequestV02	The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.
DRAFT1caaa.025.001.02 AcceptorTransactionLogReportResponseV02	This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.

2 DRAFT1caaa.001.001.11 AcceptorAuthorisationRequestV11

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 AcceptorAuthorisationRequestV11 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		16
	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]	±		28
	Transaction <*Tx*>	[1..1]			31
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		35
	TransactionType <*TxTp*>	[0..1]	CodeSet		35
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		36
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		37
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		37
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		37
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		38
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		38
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		38
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		38
	TransactionIdentification <*TxId*>	[1..1]	±		38
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		38
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		39
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		39
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		39
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		40

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDetails <*TxDtls*>	[1..1]			40
	Currency <*Ccy*>	[0..1]	CodeSet	C1	42
	TotalAmount <*TtlAmt*>	[1..1]	Amount		43
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		43
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		43
	DetailedAmount <*DtldAmt*>	[0..1]	±		43
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		44
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		44
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		44
	ValidityDate <*VldtyDt*>	[0..1]	Date		44
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		44
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		45
	AccountType <*AcctTp*>	[0..1]	CodeSet		45
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			46
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		48
	Conversion <*Convs*>	[0..1]			48
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		49
	TargetCurrency <*TrgtCcy*>	[1..1]			50
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	50
	NumericCode <*NmrcCd*>	[1..1]	Text		50
	Decimal <*Dcml*>	[1..1]	Quantity		50
	Name <*Nm*>	[0..1]	Text		50
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		50
	ExchangeRate <*XchgRate*>	[1..1]	Rate		51
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		51
	QuotationDate <*QtnDt*>	[0..1]	DateTime		51
	ValidUntil <*VldUntil*>	[0..1]	DateTime		51
	SourceCurrency <*SrcCcy*>	[1..1]			51
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	51
	NumericCode <*NmrcCd*>	[0..1]	Text		52
	Decimal <*Dcml*>	[0..1]	Quantity		52

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Name <*Nm*>	[0..1]	Text		52
	OriginalAmount <*OrgnlAmt*>	[1..1]			52
	ActualAmount <*ActlAmt*>	[0..1]	Amount		52
	MinimumAmount <*MinAmt*>	[0..1]	Amount		52
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		53
	CommissionDetails <*ComssnDtls*>	[0..*]			53
	Amount <*Amt*>	[1..1]	Amount		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	MarkUpDetails <*MrkUpDtls*>	[0..*]			53
	Rate <*Rate*>	[1..1]	Rate		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		54
	Instalment <*Instlmt*>	[0..*]	±		54
	AggregationTransaction <*AggtnTx*>	[0..1]	±		55
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		56
	SaleItem <*SaleItm*>	[0..*]	±		56
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		57
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		57
	AdditionalInformation <*AddtlInf*>	[0..*]			57
	Identification <*Id*>	[1..1]	Text		58
	Value <*Val*>	[0..1]	Binary		58
	ProtectedValue <*PrtctdVal*>	[0..1]	±		58
	Type <*Tp*>	[0..1]	Text		58
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		58
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		59
	AccountFrom <*AcctFr*>	[0..1]			59
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		59
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		60
	AccountName <*AcctNm*>	[0..1]	Text		61
	AccountOwner <*AcctOwnr*>	[0..1]			61
	Name <*Nm*>	[1..1]	Text		61

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Address <*Adr*>	[1..1]	±		61
	Currency <*Ccy*>	[0..1]	CodeSet	C1	62
	AccountIdentifier <*AcctIdr*>	[0..1]			62
{Or	**Card** <*Card*>	[1..1]	Text		63
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		63
Or	**EMail** <*EMail*>	[1..1]	Text		63
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	63
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		64
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		64
Or	**Domestic** <*Dmst*>	[1..1]	Text		64
Or}	**Other** <*Othr*>	[1..1]	Text		64
	Servicer <*Svcr*>	[0..1]			64
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	64
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		65
	AccountTo <*AcctTo*>	[0..1]			65
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		66
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		67
	AccountName <*AcctNm*>	[0..1]	Text		67
	AccountOwner <*AcctOwnr*>	[0..1]			68
	Name <*Nm*>	[1..1]	Text		68
	Address <*Adr*>	[1..1]	±		68
	Currency <*Ccy*>	[0..1]	CodeSet	C1	68
	AccountIdentifier <*AcctIdr*>	[0..1]			69
{Or	**Card** <*Card*>	[1..1]	Text		69
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		69
Or	**EMail** <*EMail*>	[1..1]	Text		69
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	69
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		70
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		70
Or	**Domestic** <*Dmst*>	[1..1]	Text		70
Or}	**Other** <*Othr*>	[1..1]	Text		70

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Servicer <*Svcr*>	[0..1]			70
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	71
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		71
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		71
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	71
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		72

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		15
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		16
	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

2.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.

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

2.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

2.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

2.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

2.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

2.4.2 AuthorisationRequest <AuthstnReq>

Presence: [1..1]

Definition: Information related to the authorisation request.

AuthorisationRequest <AuthstnReq> contains the following **AcceptorAuthorisationRequest11** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		22
	Context <*Cntxt*>	[1..1]	±		28
	Transaction <*Tx*>	[1..1]			31
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		35
	TransactionType <*TxTp*>	[0..1]	CodeSet		35
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		36
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		37
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		37
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		37
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		38
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		38
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		38
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		38
	TransactionIdentification <*TxId*>	[1..1]	±		38
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		38
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		39
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		39
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		39
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		40
	TransactionDetails <*TxDtls*>	[1..1]			40
	Currency <*Ccy*>	[0..1]	CodeSet	C1	42
	TotalAmount <*TtlAmt*>	[1..1]	Amount		43
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		43
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		43
	DetailedAmount <*DtldAmt*>	[0..1]	±		43
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		44
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		44
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		44
	ValidityDate <*VldtyDt*>	[0..1]	Date		44
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		44

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		45
	AccountType <*AcctTp*>	[0..1]	CodeSet		45
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			46
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		48
	Conversion <*Convs*>	[0..1]			48
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		49
	TargetCurrency <*TrgtCcy*>	[1..1]			50
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	50
	NumericCode <*NmrcCd*>	[1..1]	Text		50
	Decimal <*Dcml*>	[1..1]	Quantity		50
	Name <*Nm*>	[0..1]	Text		50
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		50
	ExchangeRate <*XchgRate*>	[1..1]	Rate		51
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		51
	QuotationDate <*QtnDt*>	[0..1]	DateTime		51
	ValidUntil <*VldUntil*>	[0..1]	DateTime		51
	SourceCurrency <*SrcCcy*>	[1..1]			51
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	51
	NumericCode <*NmrcCd*>	[0..1]	Text		52
	Decimal <*Dcml*>	[0..1]	Quantity		52
	Name <*Nm*>	[0..1]	Text		52
	OriginalAmount <*OrgnlAmt*>	[1..1]			52
	ActualAmount <*ActlAmt*>	[0..1]	Amount		52
	MinimumAmount <*MinAmt*>	[0..1]	Amount		52
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		53
	CommissionDetails <*ComssnDtls*>	[0..*]			53
	Amount <*Amt*>	[1..1]	Amount		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	MarkUpDetails <*MrkUpDtls*>	[0..*]			53
	Rate <*Rate*>	[1..1]	Rate		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		54
	Instalment <*Instlmt*>	[0..*]	±		54
	AggregationTransaction <*AggtnTx*>	[0..1]	±		55
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		56
	SaleItem <*SaleItm*>	[0..*]	±		56
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		57
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		57
	AdditionalInformation <*AddtlInf*>	[0..*]			57
	Identification <*Id*>	[1..1]	Text		58
	Value <*Val*>	[0..1]	Binary		58
	ProtectedValue <*PrtctdVal*>	[0..1]	±		58
	Type <*Tp*>	[0..1]	Text		58
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		58
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		59
	AccountFrom <*AcctFr*>	[0..1]			59
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		59
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		60
	AccountName <*AcctNm*>	[0..1]	Text		61
	AccountOwner <*AcctOwnr*>	[0..1]			61
	Name <*Nm*>	[1..1]	Text		61
	Address <*Adr*>	[1..1]	±		61
	Currency <*Ccy*>	[0..1]	CodeSet	C1	62
	AccountIdentifier <*AcctIdr*>	[0..1]			62
{Or	**Card** <*Card*>	[1..1]	Text		63
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		63
Or	**EMail** <*EMail*>	[1..1]	Text		63
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	63
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		64
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		64
Or	**Domestic** <*Dmst*>	[1..1]	Text		64
Or}	**Other** <*Othr*>	[1..1]	Text		64

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Servicer <*Svcr*>	[0..1]			64
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	64
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		65
	AccountTo <*AcctTo*>	[0..1]			65
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		66
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		67
	AccountName <*AcctNm*>	[0..1]	Text		67
	AccountOwner <*AcctOwnr*>	[0..1]			68
	Name <*Nm*>	[1..1]	Text		68
	Address <*Adr*>	[1..1]	±		68
	Currency <*Ccy*>	[0..1]	CodeSet	C1	68
	AccountIdentifier <*AcctIdr*>	[0..1]			69
{Or	**Card** <*Card*>	[1..1]	Text		69
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		69
Or	**EMail** <*EMail*>	[1..1]	Text		69
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	69
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		70
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		70
Or	**Domestic** <*Dmst*>	[1..1]	Text		70
Or}	**Other** <*Othr*>	[1..1]	Text		70
	Servicer <*Svcr*>	[0..1]			70
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	71
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		71
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		71
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	71

2.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

2.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction119** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		35
	TransactionType <*TxTp*>	[0..1]	CodeSet		35
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		36
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		37
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		37
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		37
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		38
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		38
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		38
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		38
	TransactionIdentification <*TxId*>	[1..1]	±		38
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		38
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		39
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		39
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		39
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		40
	TransactionDetails <*TxDtls*>	[1..1]			40
	Currency <*Ccy*>	[0..1]	CodeSet	C1	42
	TotalAmount <*TtlAmt*>	[1..1]	Amount		43
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		43
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		43
	DetailedAmount <*DtldAmt*>	[0..1]	±		43
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		44
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		44
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		44
	ValidityDate <*VldtyDt*>	[0..1]	Date		44
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		44
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		45
	AccountType <*AcctTp*>	[0..1]	CodeSet		45
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			46
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		48

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Conversion <*Convs*>	[0..1]			48
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		49
	TargetCurrency <*TrgtCcy*>	[1..1]			50
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	50
	NumericCode <*NmrcCd*>	[1..1]	Text		50
	Decimal <*Dcml*>	[1..1]	Quantity		50
	Name <*Nm*>	[0..1]	Text		50
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		50
	ExchangeRate <*XchgRate*>	[1..1]	Rate		51
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		51
	QuotationDate <*QtnDt*>	[0..1]	DateTime		51
	ValidUntil <*VldUntil*>	[0..1]	DateTime		51
	SourceCurrency <*SrcCcy*>	[1..1]			51
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	51
	NumericCode <*NmrcCd*>	[0..1]	Text		52
	Decimal <*Dcml*>	[0..1]	Quantity		52
	Name <*Nm*>	[0..1]	Text		52
	OriginalAmount <*OrgnlAmt*>	[1..1]			52
	ActualAmount <*ActlAmt*>	[0..1]	Amount		52
	MinimumAmount <*MinAmt*>	[0..1]	Amount		52
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		53
	CommissionDetails <*ComssnDtls*>	[0..*]			53
	Amount <*Amt*>	[1..1]	Amount		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	MarkUpDetails <*MrkUpDtls*>	[0..*]			53
	Rate <*Rate*>	[1..1]	Rate		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		54
	Instalment <*Instlmt*>	[0..*]	±		54
	AggregationTransaction <*AggtnTx*>	[0..1]	±		55
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		56

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleItem <*SaleItm*>	[0..*]	±		56
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		57
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		57
	AdditionalInformation <*AddtlInf*>	[0..*]			57
	Identification <*Id*>	[1..1]	Text		58
	Value <*Val*>	[0..1]	Binary		58
	ProtectedValue <*PrtctdVal*>	[0..1]	±		58
	Type <*Tp*>	[0..1]	Text		58
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		58
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		59
	AccountFrom <*AcctFr*>	[0..1]			59
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		59
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		60
	AccountName <*AcctNm*>	[0..1]	Text		61
	AccountOwner <*AcctOwnr*>	[0..1]			61
	Name <*Nm*>	[1..1]	Text		61
	Address <*Adr*>	[1..1]	±		61
	Currency <*Ccy*>	[0..1]	CodeSet	C1	62
	AccountIdentifier <*AcctIdr*>	[0..1]			62
{Or	**Card** <*Card*>	[1..1]	Text		63
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		63
Or	**EMail** <*EMail*>	[1..1]	Text		63
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	63
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		64
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		64
Or	**Domestic** <*Dmst*>	[1..1]	Text		64
Or}	**Other** <*Othr*>	[1..1]	Text		64
	Servicer <*Svcr*>	[0..1]			64
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	64
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		65
	AccountTo <*AcctTo*>	[0..1]			65

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

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 1387):

- *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 1351

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 1353

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.

CodeName	Name	Definition
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 1352

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 1387):

- *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 1395

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 1387):

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

2.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1392

2.4.2.3.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

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 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

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 1392

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 1392

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 1390

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 1390

2.4.2.3.17 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	42
	TotalAmount <*TtlAmt*>	[1..1]	Amount		43
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		43
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		43
	DetailedAmount <*DtldAmt*>	[0..1]	±		43
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		44
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		44
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		44
	ValidityDate <*VldtyDt*>	[0..1]	Date		44
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		44
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		45
	AccountType <*AcctTp*>	[0..1]	CodeSet		45
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			46
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		48
	Conversion <*Convs*>	[0..1]			48
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		49
	TargetCurrency <*TrgtCcy*>	[1..1]			50
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	50
	NumericCode <*NmrcCd*>	[1..1]	Text		50
	Decimal <*Dcml*>	[1..1]	Quantity		50
	Name <*Nm*>	[0..1]	Text		50
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		50
	ExchangeRate <*XchgRate*>	[1..1]	Rate		51
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		51
	QuotationDate <*QtnDt*>	[0..1]	DateTime		51
	ValidUntil <*VldUntil*>	[0..1]	DateTime		51
	SourceCurrency <*SrcCcy*>	[1..1]			51
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	51
	NumericCode <*NmrcCd*>	[0..1]	Text		52
	Decimal <*Dcml*>	[0..1]	Quantity		52
	Name <*Nm*>	[0..1]	Text		52

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			52
	ActualAmount <*ActlAmt*>	[0..1]	Amount		52
	MinimumAmount <*MinAmt*>	[0..1]	Amount		52
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		53
	CommissionDetails <*ComssnDtls*>	[0..*]			53
	Amount <*Amt*>	[1..1]	Amount		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	MarkUpDetails <*MrkUpDtls*>	[0..*]			53
	Rate <*Rate*>	[1..1]	Rate		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		54
	Instalment <*Instlmt*>	[0..*]	±		54
	AggregationTransaction <*AggtnTx*>	[0..1]	±		55
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		56
	SaleItem <*SaleItm*>	[0..*]	±		56
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		57
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		57
	AdditionalInformation <*AddtlInf*>	[0..*]			57
	Identification <*Id*>	[1..1]	Text		58
	Value <*Val*>	[0..1]	Binary		58
	ProtectedValue <*PrtctdVal*>	[0..1]	±		58
	Type <*Tp*>	[0..1]	Text		58
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		58

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 1335

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 1331

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 1331

2.4.2.3.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

2.4.2.3.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

2.4.2.3.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1331

2.4.2.3.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

2.4.2.3.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

2.4.2.3.17.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

2.4.2.3.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

2.4.2.3.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		48
	Conversion <*Convs*>	[0..1]			48
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		49
	TargetCurrency <*TrgtCcy*>	[1..1]			50
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	50
	NumericCode <*NmrcCd*>	[1..1]	Text		50
	Decimal <*Dcml*>	[1..1]	Quantity		50
	Name <*Nm*>	[0..1]	Text		50
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		50
	ExchangeRate <*XchgRate*>	[1..1]	Rate		51
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		51
	QuotationDate <*QtnDt*>	[0..1]	DateTime		51
	ValidUntil <*VldUntil*>	[0..1]	DateTime		51
	SourceCurrency <*SrcCcy*>	[1..1]			51
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	51
	NumericCode <*NmrcCd*>	[0..1]	Text		52
	Decimal <*Dcml*>	[0..1]	Quantity		52
	Name <*Nm*>	[0..1]	Text		52
	OriginalAmount <*OrgnlAmt*>	[1..1]			52
	ActualAmount <*ActlAmt*>	[0..1]	Amount		52
	MinimumAmount <*MinAmt*>	[0..1]	Amount		52
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		53
	CommissionDetails <*ComssnDtls*>	[0..*]			53
	Amount <*Amt*>	[1..1]	Amount		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	MarkUpDetails <*MrkUpDtls*>	[0..*]			53
	Rate <*Rate*>	[1..1]	Rate		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		54

2.4.2.3.17.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

- *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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		49
	TargetCurrency <*TrgtCcy*>	[1..1]			50
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	50
	NumericCode <*NmrcCd*>	[1..1]	Text		50
	Decimal <*Dcml*>	[1..1]	Quantity		50
	Name <*Nm*>	[0..1]	Text		50
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		50
	ExchangeRate <*XchgRate*>	[1..1]	Rate		51
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		51
	QuotationDate <*QtnDt*>	[0..1]	DateTime		51
	ValidUntil <*VldUntil*>	[0..1]	DateTime		51
	SourceCurrency <*SrcCcy*>	[1..1]			51
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	51
	NumericCode <*NmrcCd*>	[0..1]	Text		52
	Decimal <*Dcml*>	[0..1]	Quantity		52
	Name <*Nm*>	[0..1]	Text		52
	OriginalAmount <*OrgnlAmt*>	[1..1]			52
	ActualAmount <*ActlAmt*>	[0..1]	Amount		52
	MinimumAmount <*MinAmt*>	[0..1]	Amount		52
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		53
	CommissionDetails <*ComssnDtls*>	[0..*]			53
	Amount <*Amt*>	[1..1]	Amount		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	MarkUpDetails <*MrkUpDtls*>	[0..*]			53
	Rate <*Rate*>	[1..1]	Rate		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		54

2.4.2.3.17.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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	50
	NumericCode <*NmrcCd*>	[1..1]	Text		50
	Decimal <*Dcml*>	[1..1]	Quantity		50
	Name <*Nm*>	[0..1]	Text		50

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 1335

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 1389

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 1388

2.4.2.3.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

2.4.2.3.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1388

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 1388

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 1385

2.4.2.3.17.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

2.4.2.3.17.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	51
	NumericCode <*NmrcCd*>	[0..1]	Text		52
	Decimal <*Dcml*>	[0..1]	Quantity		52
	Name <*Nm*>	[0..1]	Text		52

2.4.2.3.17.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

2.4.2.3.17.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

2.4.2.3.17.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

2.4.2.3.17.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

2.4.2.3.17.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		52
	MinimumAmount <*MinAmt*>	[0..1]	Amount		52
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		53

2.4.2.3.17.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

2.4.2.3.17.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

2.4.2.3.17.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

2.4.2.3.17.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53

2.4.2.3.17.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

2.4.2.3.17.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

2.4.2.3.17.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		53
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		53

2.4.2.3.17.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

2.4.2.3.17.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

2.4.2.3.17.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

2.4.2.3.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

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 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

2.4.2.3.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

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 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

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 1392

2.4.2.3.17.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		58
	Value <*Val*>	[0..1]	Binary		58
	ProtectedValue <*PrtctdVal*>	[0..1]	±		58
	Type <*Tp*>	[0..1]	Text		58

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 1389

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 1332

2.4.2.3.17.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

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 1389

2.4.2.3.17.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

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 1393

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		59
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		60
	AccountName <*AcctNm*>	[0..1]	Text		61
	AccountOwner <*AcctOwnr*>	[0..1]			61
	Name <*Nm*>	[1..1]	Text		61
	Address <*Adr*>	[1..1]	±		61
	Currency <*Ccy*>	[0..1]	CodeSet	C1	62
	AccountIdentifier <*AcctIdr*>	[0..1]			62
{Or	**Card** <*Card*>	[1..1]	Text		63
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		63
Or	**EMail** <*EMail*>	[1..1]	Text		63
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	63
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		64
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		64
Or	**Domestic** <*Dmst*>	[1..1]	Text		64
Or}	**Other** <*Othr*>	[1..1]	Text		64
	Servicer <*Svcr*>	[0..1]			64
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	64
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		65

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 1333

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 1348

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 1393

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		61
	Address <*Adr*>	[1..1]	±		61

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 1393

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 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

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 1335

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		63
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		63
Or	**EMail** <*EMail*>	[1..1]	Text		63
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	63
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		64
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		64
Or	**Domestic** <*Dmst*>	[1..1]	Text		64
Or}	**Other** <*Othr*>	[1..1]	Text		64

2.4.2.3.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

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 1390

2.4.2.3.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

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 1386

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 1386

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 1387

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 1392

2.4.2.3.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

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	64
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		65

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 1386

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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

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		66
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		67
	AccountName <*AcctNm*>	[0..1]	Text		67
	AccountOwner <*AcctOwnr*>	[0..1]			68
	Name <*Nm*>	[1..1]	Text		68
	Address <*Adr*>	[1..1]	±		68
	Currency <*Ccy*>	[0..1]	CodeSet	C1	68
	AccountIdentifier <*AcctIdr*>	[0..1]			69
{Or	**Card** <*Card*>	[1..1]	Text		69
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		69
Or	**EMail** <*EMail*>	[1..1]	Text		69
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	69
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		70
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		70
Or	**Domestic** <*Dmst*>	[1..1]	Text		70
Or}	**Other** <*Othr*>	[1..1]	Text		70
	Servicer <*Svcr*>	[0..1]			70
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	71
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		71

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 1333

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 1348

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 1393

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		68
	Address <*Adr*>	[1..1]	±		68

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 1393

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 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

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 1335

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		69
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		69
Or	**EMail** <*EMail*>	[1..1]	Text		69
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	69
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		70
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		70
Or	**Domestic** <*Dmst*>	[1..1]	Text		70
Or}	**Other** <*Othr*>	[1..1]	Text		70

2.4.2.3.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

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 1390

2.4.2.3.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

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 1386

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 1386

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 1387

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 1392

2.4.2.3.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

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	71
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		71

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 1386

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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

2.4.2.3.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

3 DRAFT1caaa.002.001.11 AcceptorAuthorisationResponseV11

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 AcceptorAuthorisationResponseV11 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]			79
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		79
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		81
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		81
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		81
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		81
	InitiatingParty <*InitgPty*>	[1..1]	±		81
	RecipientParty <*RcptPty*>	[0..1]	±		81
	Traceability <*Tracblt*>	[0..*]	±		82
	AuthorisationResponse <*AuthstnRspn*>	[1..1]			82
	Environment <*Envt*>	[1..1]	±		87
	Transaction <*Tx*>	[1..1]			93
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		96
	TransactionIdentification <*TxId*>	[1..1]	±		96
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		96
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		96
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		96
	InterchangeData <*IntrchngData*>	[0..1]	Text		96
	TransactionDetails <*TxDtls*>	[1..1]			96
	Currency <*Ccy*>	[0..1]	CodeSet	C1	98
	TotalAmount <*TtlAmt*>	[1..1]	Amount		99
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		99
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		99
	DetailedAmount <*DtldAmt*>	[0..1]	±		99
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		100
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		100
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		100
	ValidityDate <*VldtyDt*>	[0..1]	Date		100
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		100

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		101
	AccountType <*AcctTp*>	[0..1]	CodeSet		101
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			102
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		104
	Conversion <*Convs*>	[0..1]			104
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		105
	TargetCurrency <*TrgtCcy*>	[1..1]			106
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	106
	NumericCode <*NmrcCd*>	[1..1]	Text		106
	Decimal <*Dcml*>	[1..1]	Quantity		106
	Name <*Nm*>	[0..1]	Text		106
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		106
	ExchangeRate <*XchgRate*>	[1..1]	Rate		107
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		107
	QuotationDate <*QtnDt*>	[0..1]	DateTime		107
	ValidUntil <*VldUntil*>	[0..1]	DateTime		107
	SourceCurrency <*SrcCcy*>	[1..1]			107
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	107
	NumericCode <*NmrcCd*>	[0..1]	Text		108
	Decimal <*Dcml*>	[0..1]	Quantity		108
	Name <*Nm*>	[0..1]	Text		108
	OriginalAmount <*OrgnlAmt*>	[1..1]			108
	ActualAmount <*ActlAmt*>	[0..1]	Amount		108
	MinimumAmount <*MinAmt*>	[0..1]	Amount		108
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		109
	CommissionDetails <*ComssnDtls*>	[0..*]			109
	Amount <*Amt*>	[1..1]	Amount		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	MarkUpDetails <*MrkUpDtls*>	[0..*]			109
	Rate <*Rate*>	[1..1]	Rate		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		110
	Instalment <*Instlmt*>	[0..*]	±		110
	AggregationTransaction <*AggtnTx*>	[0..1]	±		111
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		112
	SaleItem <*SaleItm*>	[0..*]	±		112
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		113
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		113
	AdditionalInformation <*AddtlInf*>	[0..*]			113
	Identification <*Id*>	[1..1]	Text		114
	Value <*Val*>	[0..1]	Binary		114
	ProtectedValue <*PrtctdVal*>	[0..1]	±		114
	Type <*Tp*>	[0..1]	Text		114
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		114
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		115
	TransactionResponse <*TxRspn*>	[1..1]			115
	AuthorisationResult <*AuthstnRslt*>	[1..1]			118
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		118
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			118
	Response <*Rspn*>	[1..1]	CodeSet		119
	ResponseReason <*RspnRsn*>	[0..1]	Text		119
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		119
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		119
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		119
	TMSTrigger <*TMSTrggr*>	[0..1]			120
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		120
	TMSIdentification <*TMSId*>	[0..1]	Text		120
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		120
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			120
	Method <*Mtd*>	[1..1]	CodeSet		121
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		122
	Result <*Rslt*>	[0..1]	CodeSet		122

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		122
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		124
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		124
	AmountLimit <*AmtLmt*>	[0..1]	Amount		124
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		124
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		124
	Balance <*Bal*>	[0..1]	±		126
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		126
	Action <*Actn*>	[0..*]			127
	ActionType <*ActnTp*>	[1..1]	CodeSet		127
	MessageToPresent <*MsgToPres*>	[0..1]	±		128
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			128
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		129
	TargetCurrency <*TrgtCcy*>	[1..1]			130
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	130
	NumericCode <*NmrcCd*>	[1..1]	Text		130
	Decimal <*Dcml*>	[1..1]	Quantity		130
	Name <*Nm*>	[0..1]	Text		130
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		131
	ExchangeRate <*XchgRate*>	[1..1]	Rate		131
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		131
	QuotationDate <*QtnDt*>	[0..1]	DateTime		131
	ValidUntil <*VldUntil*>	[0..1]	DateTime		131
	SourceCurrency <*SrcCcy*>	[1..1]			131

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	131
	NumericCode <*NmrcCd*>	[0..1]	Text		132
	Decimal <*Dcml*>	[0..1]	Quantity		132
	Name <*Nm*>	[0..1]	Text		132
	OriginalAmount <*OrgnlAmt*>	[1..1]			132
	ActualAmount <*ActlAmt*>	[0..1]	Amount		132
	MinimumAmount <*MinAmt*>	[0..1]	Amount		132
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		133
	CommissionDetails <*ComssnDtls*>	[0..*]			133
	Amount <*Amt*>	[1..1]	Amount		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		133
	MarkUpDetails <*MrkUpDtls*>	[0..*]			133
	Rate <*Rate*>	[1..1]	Rate		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		134
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		134
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	134
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		135

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		79
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		81
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		81
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		81
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		81
	InitiatingParty <*InitgPty*>	[1..1]	±		81
	RecipientParty <*RcptPty*>	[0..1]	±		81
	Traceability <*Tracblt*>	[0..*]	±		82

3.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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

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

CodeName	Name	Definition
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.

3.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

3.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

3.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

3.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

3.4.2 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Information related to the response of the authorisation.

AuthorisationResponse <AuthstnRspn> contains the following **AcceptorAuthorisationResponse11** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		87
	Transaction <*Tx*>	[1..1]			93
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		96
	TransactionIdentification <*TxId*>	[1..1]	±		96
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		96
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		96
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		96
	InterchangeData <*IntrchngData*>	[0..1]	Text		96
	TransactionDetails <*TxDtls*>	[1..1]			96
	Currency <*Ccy*>	[0..1]	CodeSet	C1	98
	TotalAmount <*TtlAmt*>	[1..1]	Amount		99
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		99
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		99
	DetailedAmount <*DtldAmt*>	[0..1]	±		99
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		100
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		100
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		100
	ValidityDate <*VldtyDt*>	[0..1]	Date		100
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		100
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		101
	AccountType <*AcctTp*>	[0..1]	CodeSet		101
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			102
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		104
	Conversion <*Convs*>	[0..1]			104
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		105
	TargetCurrency <*TrgtCcy*>	[1..1]			106
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	106
	NumericCode <*NmrcCd*>	[1..1]	Text		106
	Decimal <*Dcml*>	[1..1]	Quantity		106
	Name <*Nm*>	[0..1]	Text		106

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		106
	ExchangeRate <*XchgRate*>	[1..1]	Rate		107
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		107
	QuotationDate <*QtnDt*>	[0..1]	DateTime		107
	ValidUntil <*VldUntil*>	[0..1]	DateTime		107
	SourceCurrency <*SrcCcy*>	[1..1]			107
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	107
	NumericCode <*NmrcCd*>	[0..1]	Text		108
	Decimal <*Dcml*>	[0..1]	Quantity		108
	Name <*Nm*>	[0..1]	Text		108
	OriginalAmount <*OrgnlAmt*>	[1..1]			108
	ActualAmount <*ActlAmt*>	[0..1]	Amount		108
	MinimumAmount <*MinAmt*>	[0..1]	Amount		108
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		109
	CommissionDetails <*ComssnDtls*>	[0..*]			109
	Amount <*Amt*>	[1..1]	Amount		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	MarkUpDetails <*MrkUpDtls*>	[0..*]			109
	Rate <*Rate*>	[1..1]	Rate		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		110
	Instalment <*Instlmt*>	[0..*]	±		110
	AggregationTransaction <*AggtnTx*>	[0..1]	±		111
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		112
	SaleItem <*SaleItm*>	[0..*]	±		112
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		113
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		113
	AdditionalInformation <*AddtlInf*>	[0..*]			113
	Identification <*Id*>	[1..1]	Text		114
	Value <*Val*>	[0..1]	Binary		114
	ProtectedValue <*PrtctdVal*>	[0..1]	±		114

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[0..1]	Text		114
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		114
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		115
	TransactionResponse <*TxRspn*>	[1..1]			115
	AuthorisationResult <*AuthstnRslt*>	[1..1]			118
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		118
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			118
	Response <*Rspn*>	[1..1]	CodeSet		119
	ResponseReason <*RspnRsn*>	[0..1]	Text		119
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		119
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		119
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		119
	TMSTrigger <*TMSTrggr*>	[0..1]			120
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		120
	TMSIdentification <*TMSId*>	[0..1]	Text		120
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		120
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			120
	Method <*Mtd*>	[1..1]	CodeSet		121
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		122
	Result <*Rslt*>	[0..1]	CodeSet		122
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		122
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		124
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		124
	AmountLimit <*AmtLmt*>	[0..1]	Amount		124

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		124
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		124
	Balance <*Bal*>	[0..1]	±		126
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		126
	Action <*Actn*>	[0..*]			127
	ActionType <*ActnTp*>	[1..1]	CodeSet		127
	MessageToPresent <*MsgToPres*>	[0..1]	±		128
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			128
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		129
	TargetCurrency <*TrgtCcy*>	[1..1]			130
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	130
	NumericCode <*NmrcCd*>	[1..1]	Text		130
	Decimal <*Dcml*>	[1..1]	Quantity		130
	Name <*Nm*>	[0..1]	Text		130
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		131
	ExchangeRate <*XchgRate*>	[1..1]	Rate		131
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		131
	QuotationDate <*QtnDt*>	[0..1]	DateTime		131
	ValidUntil <*VldUntil*>	[0..1]	DateTime		131
	SourceCurrency <*SrcCcy*>	[1..1]			131
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	131
	NumericCode <*NmrcCd*>	[0..1]	Text		132
	Decimal <*Dcml*>	[0..1]	Quantity		132
	Name <*Nm*>	[0..1]	Text		132
	OriginalAmount <*OrgnlAmt*>	[1..1]			132
	ActualAmount <*ActlAmt*>	[0..1]	Amount		132
	MinimumAmount <*MinAmt*>	[0..1]	Amount		132
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		133
	CommissionDetails <*ComssnDtls*>	[0..*]			133
	Amount <*Amt*>	[1..1]	Amount		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		133

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <*MrkUpDtls*>	[0..*]			133
	Rate <*Rate*>	[1..1]	Rate		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		134
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		134
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	134

3.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 **CardPaymentTransaction121** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		96
	TransactionIdentification <*TxId*>	[1..1]	±		96
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		96
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		96
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		96
	InterchangeData <*IntrchngData*>	[0..1]	Text		96
	TransactionDetails <*TxDtls*>	[1..1]			96
	Currency <*Ccy*>	[0..1]	CodeSet	C1	98
	TotalAmount <*TtlAmt*>	[1..1]	Amount		99
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		99
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		99
	DetailedAmount <*DtldAmt*>	[0..1]	±		99
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		100
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		100
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		100
	ValidityDate <*VldtyDt*>	[0..1]	Date		100
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		100
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		101
	AccountType <*AcctTp*>	[0..1]	CodeSet		101
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			102
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		104
	Conversion <*Convs*>	[0..1]			104
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		105
	TargetCurrency <*TrgtCcy*>	[1..1]			106
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	106
	NumericCode <*NmrcCd*>	[1..1]	Text		106
	Decimal <*Dcml*>	[1..1]	Quantity		106
	Name <*Nm*>	[0..1]	Text		106
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		106
	ExchangeRate <*XchgRate*>	[1..1]	Rate		107
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		107

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	QuotationDate <*QtnDt*>	[0..1]	DateTime		107
	ValidUntil <*VldUntil*>	[0..1]	DateTime		107
	SourceCurrency <*SrcCcy*>	[1..1]			107
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	107
	NumericCode <*NmrcCd*>	[0..1]	Text		108
	Decimal <*Dcml*>	[0..1]	Quantity		108
	Name <*Nm*>	[0..1]	Text		108
	OriginalAmount <*OrgnlAmt*>	[1..1]			108
	ActualAmount <*ActlAmt*>	[0..1]	Amount		108
	MinimumAmount <*MinAmt*>	[0..1]	Amount		108
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		109
	CommissionDetails <*ComssnDtls*>	[0..*]			109
	Amount <*Amt*>	[1..1]	Amount		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	MarkUpDetails <*MrkUpDtls*>	[0..*]			109
	Rate <*Rate*>	[1..1]	Rate		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		110
	Instalment <*Instlmt*>	[0..*]	±		110
	AggregationTransaction <*AggtnTx*>	[0..1]	±		111
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		112
	SaleItem <*SaleItm*>	[0..*]	±		112
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		113
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		113
	AdditionalInformation <*AddtlInf*>	[0..*]			113
	Identification <*Id*>	[1..1]	Text		114
	Value <*Val*>	[0..1]	Binary		114
	ProtectedValue <*PrtctdVal*>	[0..1]	±		114
	Type <*Tp*>	[0..1]	Text		114
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		114
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		115

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

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 1392

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 1390

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 1392

3.4.2.2.6 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

3.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	98
	TotalAmount <*TtlAmt*>	[1..1]	Amount		99
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		99
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		99
	DetailedAmount <*DtldAmt*>	[0..1]	±		99
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		100
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		100
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		100
	ValidityDate <*VldtyDt*>	[0..1]	Date		100
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		100
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		101
	AccountType <*AcctTp*>	[0..1]	CodeSet		101
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			102
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		104
	Conversion <*Convs*>	[0..1]			104
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		105
	TargetCurrency <*TrgtCcy*>	[1..1]			106
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	106
	NumericCode <*NmrcCd*>	[1..1]	Text		106
	Decimal <*Dcml*>	[1..1]	Quantity		106
	Name <*Nm*>	[0..1]	Text		106
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		106
	ExchangeRate <*XchgRate*>	[1..1]	Rate		107
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		107
	QuotationDate <*QtnDt*>	[0..1]	DateTime		107
	ValidUntil <*VldUntil*>	[0..1]	DateTime		107
	SourceCurrency <*SrcCcy*>	[1..1]			107
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	107
	NumericCode <*NmrcCd*>	[0..1]	Text		108
	Decimal <*Dcml*>	[0..1]	Quantity		108
	Name <*Nm*>	[0..1]	Text		108

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			108
	ActualAmount <*ActlAmt*>	[0..1]	Amount		108
	MinimumAmount <*MinAmt*>	[0..1]	Amount		108
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		109
	CommissionDetails <*ComssnDtls*>	[0..*]			109
	Amount <*Amt*>	[1..1]	Amount		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	MarkUpDetails <*MrkUpDtls*>	[0..*]			109
	Rate <*Rate*>	[1..1]	Rate		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		110
	Instalment <*Instlmt*>	[0..*]	±		110
	AggregationTransaction <*AggtnTx*>	[0..1]	±		111
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		112
	SaleItem <*SaleItm*>	[0..*]	±		112
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		113
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		113
	AdditionalInformation <*AddtlInf*>	[0..*]			113
	Identification <*Id*>	[1..1]	Text		114
	Value <*Val*>	[0..1]	Binary		114
	ProtectedValue <*PrtctdVal*>	[0..1]	±		114
	Type <*Tp*>	[0..1]	Text		114
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		114

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 1335

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 1331

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 1331

3.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

3.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1331

3.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

3.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

3.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

3.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

3.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		104
	Conversion <*Convs*>	[0..1]			104
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		105
	TargetCurrency <*TrgtCcy*>	[1..1]			106
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	106
	NumericCode <*NmrcCd*>	[1..1]	Text		106
	Decimal <*Dcml*>	[1..1]	Quantity		106
	Name <*Nm*>	[0..1]	Text		106
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		106
	ExchangeRate <*XchgRate*>	[1..1]	Rate		107
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		107
	QuotationDate <*QtnDt*>	[0..1]	DateTime		107
	ValidUntil <*VldUntil*>	[0..1]	DateTime		107
	SourceCurrency <*SrcCcy*>	[1..1]			107
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	107
	NumericCode <*NmrcCd*>	[0..1]	Text		108
	Decimal <*Dcml*>	[0..1]	Quantity		108
	Name <*Nm*>	[0..1]	Text		108
	OriginalAmount <*OrgnlAmt*>	[1..1]			108
	ActualAmount <*ActlAmt*>	[0..1]	Amount		108
	MinimumAmount <*MinAmt*>	[0..1]	Amount		108
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		109
	CommissionDetails <*ComssnDtls*>	[0..*]			109
	Amount <*Amt*>	[1..1]	Amount		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	MarkUpDetails <*MrkUpDtls*>	[0..*]			109
	Rate <*Rate*>	[1..1]	Rate		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		110

3.4.2.2.7.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

- *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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		105
	TargetCurrency <*TrgtCcy*>	[1..1]			106
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	106
	NumericCode <*NmrcCd*>	[1..1]	Text		106
	Decimal <*Dcml*>	[1..1]	Quantity		106
	Name <*Nm*>	[0..1]	Text		106
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		106
	ExchangeRate <*XchgRate*>	[1..1]	Rate		107
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		107
	QuotationDate <*QtnDt*>	[0..1]	DateTime		107
	ValidUntil <*VldUntil*>	[0..1]	DateTime		107
	SourceCurrency <*SrcCcy*>	[1..1]			107
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	107
	NumericCode <*NmrcCd*>	[0..1]	Text		108
	Decimal <*Dcml*>	[0..1]	Quantity		108
	Name <*Nm*>	[0..1]	Text		108
	OriginalAmount <*OrgnlAmt*>	[1..1]			108
	ActualAmount <*ActlAmt*>	[0..1]	Amount		108
	MinimumAmount <*MinAmt*>	[0..1]	Amount		108
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		109
	CommissionDetails <*ComssnDtls*>	[0..*]			109
	Amount <*Amt*>	[1..1]	Amount		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	MarkUpDetails <*MrkUpDtls*>	[0..*]			109
	Rate <*Rate*>	[1..1]	Rate		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		110

3.4.2.2.7.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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	106
	NumericCode <*NmrcCd*>	[1..1]	Text		106
	Decimal <*Dcml*>	[1..1]	Quantity		106
	Name <*Nm*>	[0..1]	Text		106

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 1335

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 1389

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 1388

3.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

3.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1388

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 1388

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 1385

3.4.2.2.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

3.4.2.2.7.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	107
	NumericCode <*NmrcCd*>	[0..1]	Text		108
	Decimal <*Dcml*>	[0..1]	Quantity		108
	Name <*Nm*>	[0..1]	Text		108

3.4.2.2.7.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

Constraints

- **ActiveCurrency**

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

3.4.2.2.7.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

3.4.2.2.7.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

3.4.2.2.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

3.4.2.2.7.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		108
	MinimumAmount <*MinAmt*>	[0..1]	Amount		108
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		109

3.4.2.2.7.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.2.7.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.2.7.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.2.7.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109

3.4.2.2.7.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.2.7.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

3.4.2.2.7.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		109
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		109

3.4.2.2.7.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

3.4.2.2.7.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

3.4.2.2.7.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

3.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

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 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

3.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

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 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

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 1392

3.4.2.2.7.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		114
	Value <*Val*>	[0..1]	Binary		114
	ProtectedValue <*PrtctdVal*>	[0..1]	±		114
	Type <*Tp*>	[0..1]	Text		114

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 1389

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 1332

3.4.2.2.7.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

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 1389

3.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

3.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1393

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 **CardPaymentTransaction114** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <*AuthstnRslt*>	[1..1]			118
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		118
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			118
	Response <*Rspn*>	[1..1]	CodeSet		119
	ResponseReason <*RspnRsn*>	[0..1]	Text		119
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		119
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		119
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		119
	TMSTrigger <*TMSTrggr*>	[0..1]			120
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		120
	TMSIdentification <*TMSId*>	[0..1]	Text		120
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		120
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			120
	Method <*Mtd*>	[1..1]	CodeSet		121
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		122
	Result <*Rslt*>	[0..1]	CodeSet		122
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		122
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			123
	ProductCode <*PdctCd*>	[1..1]	Text		124
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		124
	AmountLimit <*AmtLmt*>	[0..1]	Amount		124
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		124
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		124
	Balance <*Bal*>	[0..1]	±		126
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		126

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Action <*Actn*>	[0..*]			127
	ActionType <*ActnTp*>	[1..1]	CodeSet		127
	MessageToPresent <*MsgToPres*>	[0..1]	±		128
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			128
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		129
	TargetCurrency <*TrgtCcy*>	[1..1]			130
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	130
	NumericCode <*NmrcCd*>	[1..1]	Text		130
	Decimal <*Dcml*>	[1..1]	Quantity		130
	Name <*Nm*>	[0..1]	Text		130
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		131
	ExchangeRate <*XchgRate*>	[1..1]	Rate		131
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		131
	QuotationDate <*QtnDt*>	[0..1]	DateTime		131
	ValidUntil <*VldUntil*>	[0..1]	DateTime		131
	SourceCurrency <*SrcCcy*>	[1..1]			131
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	131
	NumericCode <*NmrcCd*>	[0..1]	Text		132
	Decimal <*Dcml*>	[0..1]	Quantity		132
	Name <*Nm*>	[0..1]	Text		132
	OriginalAmount <*OrgnlAmt*>	[1..1]			132
	ActualAmount <*ActlAmt*>	[0..1]	Amount		132
	MinimumAmount <*MinAmt*>	[0..1]	Amount		132
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		133
	CommissionDetails <*ComssnDtls*>	[0..*]			133
	Amount <*Amt*>	[1..1]	Amount		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		133
	MarkUpDetails <*MrkUpDtls*>	[0..*]			133
	Rate <*Rate*>	[1..1]	Rate		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		134
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		134

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]	±		118
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			118
	Response <*Rspn*>	[1..1]	CodeSet		119
	ResponseReason <*RspnRsn*>	[0..1]	Text		119
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		119
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		119
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		119
	TMSTrigger <*TMSTrggr*>	[0..1]			120
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		120
	TMSIdentification <*TMSId*>	[0..1]	Text		120
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		120

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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

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		119
	ResponseReason <*RspnRsn*>	[0..1]	Text		119
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		119

3.4.2.3.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

3.4.2.3.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

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 1390

3.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

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 1387):

- *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		120
	TMSIdentification <*TMSId*>	[0..1]	Text		120
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		120

3.4.2.3.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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 1392

3.4.2.3.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

3.4.2.3.2 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Method <*Mtd*>	[1..1]	CodeSet		121
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		122
	Result <*Rslt*>	[0..1]	CodeSet		122
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		122

3.4.2.3.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1344

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

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

3.4.2.3.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1344

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 1385

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 1393

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		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123

3.4.2.3.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1393

3.4.2.3.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

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		123
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		123

3.4.2.3.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1393

3.4.2.3.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

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		124
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		124
	AmountLimit <*AmtLmt*>	[0..1]	Amount		124
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		124
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		124

3.4.2.3.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1393

3.4.2.3.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

3.4.2.3.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.3.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1387

3.4.2.3.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1383

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.

CodeName	Name	Definition
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.

CodeName	Name	Definition
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

3.4.2.3.6 Balance <Bal>

Presence: [0..1]

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

Balance <Bal> contains the following elements (see "AmountAndDirection93" on page 851 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		851
	Currency <*Ccy*>	[1..1]	CodeSet	C1	851
	Sign <*Sgn*>	[0..1]	Indicator		852

3.4.2.3.7 ProtectedBalance <PrtctdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrtctdBal> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

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 **Action12** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActionType <*ActnTp*>	[1..1]	CodeSet		127
	MessageToPresent <*MsgToPres*>	[0..1]	±		128

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: "ActionType12Code" on page 1334

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 Authentification through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentification 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 revocated this recurring transaction for this merchant.

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 "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

3.4.2.3.9 CurrencyConversionEligibility <CcyConvsElgblty>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

CurrencyConversionEligibility <CcyConvsElgblty> contains the following **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		129
	TargetCurrency <*TrgtCcy*>	[1..1]			130
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	130
	NumericCode <*NmrcCd*>	[1..1]	Text		130
	Decimal <*Dcml*>	[1..1]	Quantity		130
	Name <*Nm*>	[0..1]	Text		130
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		131
	ExchangeRate <*XchgRate*>	[1..1]	Rate		131
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		131
	QuotationDate <*QtnDt*>	[0..1]	DateTime		131
	ValidUntil <*VldUntil*>	[0..1]	DateTime		131
	SourceCurrency <*SrcCcy*>	[1..1]			131
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	131
	NumericCode <*NmrcCd*>	[0..1]	Text		132
	Decimal <*Dcml*>	[0..1]	Quantity		132
	Name <*Nm*>	[0..1]	Text		132
	OriginalAmount <*OrgnlAmt*>	[1..1]			132
	ActualAmount <*ActlAmt*>	[0..1]	Amount		132
	MinimumAmount <*MinAmt*>	[0..1]	Amount		132
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		133
	CommissionDetails <*ComssnDtls*>	[0..*]			133
	Amount <*Amt*>	[1..1]	Amount		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		133
	MarkUpDetails <*MrkUpDtls*>	[0..*]			133
	Rate <*Rate*>	[1..1]	Rate		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		134
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		134

3.4.2.3.9.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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	130
	NumericCode <*NmrcCd*>	[1..1]	Text		130
	Decimal <*Dcml*>	[1..1]	Quantity		130
	Name <*Nm*>	[0..1]	Text		130

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 1335

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 1389

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 1388

3.4.2.3.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

3.4.2.3.9.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1388

3.4.2.3.9.5 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 1388

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 1385

3.4.2.3.9.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

3.4.2.3.9.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	131
	NumericCode <*NmrcCd*>	[0..1]	Text		132
	Decimal <*Dcml*>	[0..1]	Quantity		132
	Name <*Nm*>	[0..1]	Text		132

3.4.2.3.9.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

Constraints

- **ActiveCurrency**

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

3.4.2.3.9.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

3.4.2.3.9.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

3.4.2.3.9.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

3.4.2.3.9.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		132
	MinimumAmount <*MinAmt*>	[0..1]	Amount		132
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		133

3.4.2.3.9.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.3.9.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.3.9.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.3.9.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		133

3.4.2.3.9.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

3.4.2.3.9.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

3.4.2.3.9.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		133
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		134

3.4.2.3.9.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

3.4.2.3.9.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

3.4.2.3.9.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

4 DRAFT1caaa.003.001.11 AcceptorCompletionAdviceV11

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 AcceptorCompletionAdviceV11 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

   Completion advice message management information.

B. CompletionAdvice

   Information related to the completion advice.

C. SecurityTrailer

   Trailer of the message containing a MAC.

4.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvc>	[1..1]			
	Header <*Hdr*>	[1..1]			142
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		143
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		144
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		144
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		144
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		144
	InitiatingParty <*InitgPty*>	[1..1]	±		144
	RecipientParty <*RcptPty*>	[0..1]	±		145
	Traceability <*Tracblt*>	[0..*]	±		145
	CompletionAdvice <*CmpltnAdvc*>	[1..1]			146
	Environment <*Envt*>	[1..1]	±		151
	Context <*Cntxt*>	[0..1]	±		157
	Transaction <*Tx*>	[1..1]			160
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		165
	TransactionType <*TxTp*>	[0..1]	CodeSet		165
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		166
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		166
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		167
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		167
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		167
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		167
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		167
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		168
	TransactionIdentification <*TxId*>	[1..1]	±		168
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		168
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		169
	Reversal <*Rvsl*>	[0..1]	Indicator		169
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		170
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		170

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		170
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		171
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		171
	InterchangeData <*IntrchngData*>	[0..1]	Text		171
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		171
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		171
	TransactionDetails <*TxDtls*>	[1..1]			171
	Currency <*Ccy*>	[0..1]	CodeSet	C1	173
	TotalAmount <*TtlAmt*>	[1..1]	Amount		174
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		174
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		174
	DetailedAmount <*DtldAmt*>	[0..1]	±		174
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		175
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		175
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		175
	ValidityDate <*VldtyDt*>	[0..1]	Date		175
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		175
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		176
	AccountType <*AcctTp*>	[0..1]	CodeSet		176
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			177
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		179
	Conversion <*Convs*>	[0..1]			179
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		180
	TargetCurrency <*TrgtCcy*>	[1..1]			181
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	181
	NumericCode <*NmrcCd*>	[1..1]	Text		181
	Decimal <*Dcml*>	[1..1]	Quantity		181
	Name <*Nm*>	[0..1]	Text		181
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		181
	ExchangeRate <*XchgRate*>	[1..1]	Rate		182
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		182

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	QuotationDate <*QtnDt*>	[0..1]	DateTime		182
	ValidUntil <*VldUntil*>	[0..1]	DateTime		182
	SourceCurrency <*SrcCcy*>	[1..1]			182
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	182
	NumericCode <*NmrcCd*>	[0..1]	Text		183
	Decimal <*Dcml*>	[0..1]	Quantity		183
	Name <*Nm*>	[0..1]	Text		183
	OriginalAmount <*OrgnlAmt*>	[1..1]			183
	ActualAmount <*ActlAmt*>	[0..1]	Amount		183
	MinimumAmount <*MinAmt*>	[0..1]	Amount		183
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		184
	CommissionDetails <*ComssnDtls*>	[0..*]			184
	Amount <*Amt*>	[1..1]	Amount		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	MarkUpDetails <*MrkUpDtls*>	[0..*]			184
	Rate <*Rate*>	[1..1]	Rate		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		185
	Instalment <*Instlmt*>	[0..*]	±		185
	AggregationTransaction <*AggtnTx*>	[0..1]	±		186
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		187
	SaleItem <*SaleItm*>	[0..*]	±		187
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		188
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		188
	AdditionalInformation <*AddtlInf*>	[0..*]			188
	Identification <*Id*>	[1..1]	Text		189
	Value <*Val*>	[0..1]	Binary		189
	ProtectedValue <*PrtctdVal*>	[0..1]	±		189
	Type <*Tp*>	[0..1]	Text		189
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		189
	AuthorisationResult <*AuthstnRslt*>	[0..1]			190

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		190
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			190
	Response <*Rspn*>	[1..1]	CodeSet		191
	ResponseReason <*RspnRsn*>	[0..1]	Text		191
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		191
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		191
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			191
	Method <*Mtd*>	[1..1]	CodeSet		192
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		192
	Result <*Rslt*>	[0..1]	CodeSet		193
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		193
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		193
	AccountFrom <*AcctFr*>	[0..1]			193
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		194
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		195
	AccountName <*AcctNm*>	[0..1]	Text		195
	AccountOwner <*AcctOwnr*>	[0..1]			196
	Name <*Nm*>	[1..1]	Text		196
	Address <*Adr*>	[1..1]	±		196
	Currency <*Ccy*>	[0..1]	CodeSet	C1	196
	AccountIdentifier <*AcctIdr*>	[0..1]			197
{Or	**Card** <*Card*>	[1..1]	Text		197
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		197
Or	**EMail** <*EMail*>	[1..1]	Text		197
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	197
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		198
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		198
Or	**Domestic** <*Dmst*>	[1..1]	Text		198
Or}	**Other** <*Othr*>	[1..1]	Text		198
	Servicer <*Svcr*>	[0..1]			198
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	199

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		199
	AccountTo <*AcctTo*>	[0..1]			199
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		200
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		201
	AccountName <*AcctNm*>	[0..1]	Text		201
	AccountOwner <*AcctOwnr*>	[0..1]			202
	Name <*Nm*>	[1..1]	Text		202
	Address <*Adr*>	[1..1]	±		202
	Currency <*Ccy*>	[0..1]	CodeSet	C1	202
	AccountIdentifier <*AcctIdr*>	[0..1]			203
{Or	**Card** <*Card*>	[1..1]	Text		203
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		203
Or	**EMail** <*EMail*>	[1..1]	Text		203
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	203
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		204
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		204
Or	**Domestic** <*Dmst*>	[1..1]	Text		204
Or}	**Other** <*Othr*>	[1..1]	Text		204
	Servicer <*Svcr*>	[0..1]			204
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	205
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		205
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		205
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	205
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		206

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		143
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		144
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		144
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		144
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		144
	InitiatingParty <*InitgPty*>	[1..1]	±		144
	RecipientParty <*RcptPty*>	[0..1]	±		145
	Traceability <*Tracblt*>	[0..*]	±		145

4.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

4.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

4.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

4.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

4.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

4.4.2 CompletionAdvice <CmpltnAdvc>

Presence: [1..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdvc> contains the following **AcceptorCompletionAdvice11** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		151
	Context <*Cntxt*>	[0..1]	±		157
	Transaction <*Tx*>	[1..1]			160
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		165
	TransactionType <*TxTp*>	[0..1]	CodeSet		165
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		166
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		166
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		167
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		167
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		167
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		167
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		167
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		168
	TransactionIdentification <*TxId*>	[1..1]	±		168
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		168
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		169
	Reversal <*Rvsl*>	[0..1]	Indicator		169
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		170
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		170
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		170
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		171
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		171
	InterchangeData <*IntrchngData*>	[0..1]	Text		171
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		171
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		171
	TransactionDetails <*TxDtls*>	[1..1]			171
	Currency <*Ccy*>	[0..1]	CodeSet	C1	173
	TotalAmount <*TtlAmt*>	[1..1]	Amount		174
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		174
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		174
	DetailedAmount <*DtldAmt*>	[0..1]	±		174

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		175
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		175
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		175
	ValidityDate <*VldtyDt*>	[0..1]	Date		175
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		175
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		176
	AccountType <*AcctTp*>	[0..1]	CodeSet		176
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			177
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		179
	Conversion <*Convs*>	[0..1]			179
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		180
	TargetCurrency <*TrgtCcy*>	[1..1]			181
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	181
	NumericCode <*NmrcCd*>	[1..1]	Text		181
	Decimal <*Dcml*>	[1..1]	Quantity		181
	Name <*Nm*>	[0..1]	Text		181
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		181
	ExchangeRate <*XchgRate*>	[1..1]	Rate		182
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		182
	QuotationDate <*QtnDt*>	[0..1]	DateTime		182
	ValidUntil <*VldUntil*>	[0..1]	DateTime		182
	SourceCurrency <*SrcCcy*>	[1..1]			182
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	182
	NumericCode <*NmrcCd*>	[0..1]	Text		183
	Decimal <*Dcml*>	[0..1]	Quantity		183
	Name <*Nm*>	[0..1]	Text		183
	OriginalAmount <*OrgnlAmt*>	[1..1]			183
	ActualAmount <*ActlAmt*>	[0..1]	Amount		183
	MinimumAmount <*MinAmt*>	[0..1]	Amount		183
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		184
	CommissionDetails <*ComssnDtls*>	[0..*]			184

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	MarkUpDetails <*MrkUpDtls*>	[0..*]			184
	Rate <*Rate*>	[1..1]	Rate		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		185
	Instalment <*Instlmt*>	[0..*]	±		185
	AggregationTransaction <*AggtnTx*>	[0..1]	±		186
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		187
	SaleItem <*SaleItm*>	[0..*]	±		187
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		188
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		188
	AdditionalInformation <*AddtlInf*>	[0..*]			188
	Identification <*Id*>	[1..1]	Text		189
	Value <*Val*>	[0..1]	Binary		189
	ProtectedValue <*PrtctdVal*>	[0..1]	±		189
	Type <*Tp*>	[0..1]	Text		189
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		189
	AuthorisationResult <*AuthstnRslt*>	[0..1]			190
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		190
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			190
	Response <*Rspn*>	[1..1]	CodeSet		191
	ResponseReason <*RspnRsn*>	[0..1]	Text		191
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		191
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		191
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			191
	Method <*Mtd*>	[1..1]	CodeSet		192
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		192
	Result <*Rslt*>	[0..1]	CodeSet		193
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		193
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		193

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountFrom <*AcctFr*>	[0..1]			193
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		194
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		195
	AccountName <*AcctNm*>	[0..1]	Text		195
	AccountOwner <*AcctOwnr*>	[0..1]			196
	Name <*Nm*>	[1..1]	Text		196
	Address <*Adr*>	[1..1]	±		196
	Currency <*Ccy*>	[0..1]	CodeSet	C1	196
	AccountIdentifier <*AcctIdr*>	[0..1]			197
{Or	**Card** <*Card*>	[1..1]	Text		197
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		197
Or	**EMail** <*EMail*>	[1..1]	Text		197
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	197
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		198
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		198
Or	**Domestic** <*Dmst*>	[1..1]	Text		198
Or}	**Other** <*Othr*>	[1..1]	Text		198
	Servicer <*Svcr*>	[0..1]			198
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	199
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		199
	AccountTo <*AcctTo*>	[0..1]			199
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		200
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		201
	AccountName <*AcctNm*>	[0..1]	Text		201
	AccountOwner <*AcctOwnr*>	[0..1]			202
	Name <*Nm*>	[1..1]	Text		202
	Address <*Adr*>	[1..1]	±		202
	Currency <*Ccy*>	[0..1]	CodeSet	C1	202
	AccountIdentifier <*AcctIdr*>	[0..1]			203
{Or	**Card** <*Card*>	[1..1]	Text		203
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		203

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	**EMail** <*EMail*>	[1..1]	Text		203
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	203
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		204
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		204
Or	**Domestic** <*Dmst*>	[1..1]	Text		204
Or}	**Other** <*Othr*>	[1..1]	Text		204
	Servicer <*Svcr*>	[0..1]			204
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	205
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		205
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		205
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	205

4.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

4.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction118** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		165
	TransactionType <*TxTp*>	[0..1]	CodeSet		165
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		166
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		166
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		167
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		167
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		167
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		167
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		167
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		168
	TransactionIdentification <*TxId*>	[1..1]	±		168
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		168
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		169
	Reversal <*Rvsl*>	[0..1]	Indicator		169
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		170
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		170
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		170
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		171
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		171
	InterchangeData <*IntrchngData*>	[0..1]	Text		171
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		171
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		171
	TransactionDetails <*TxDtls*>	[1..1]			171
	Currency <*Ccy*>	[0..1]	CodeSet	C1	173
	TotalAmount <*TtlAmt*>	[1..1]	Amount		174
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		174
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		174
	DetailedAmount <*DtldAmt*>	[0..1]	±		174
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		175
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		175
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		175

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ValidityDate <*VldtyDt*>	[0..1]	Date		175
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		175
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		176
	AccountType <*AcctTp*>	[0..1]	CodeSet		176
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			177
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		179
	Conversion <*Convs*>	[0..1]			179
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		180
	TargetCurrency <*TrgtCcy*>	[1..1]			181
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	181
	NumericCode <*NmrcCd*>	[1..1]	Text		181
	Decimal <*Dcml*>	[1..1]	Quantity		181
	Name <*Nm*>	[0..1]	Text		181
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		181
	ExchangeRate <*XchgRate*>	[1..1]	Rate		182
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		182
	QuotationDate <*QtnDt*>	[0..1]	DateTime		182
	ValidUntil <*VldUntil*>	[0..1]	DateTime		182
	SourceCurrency <*SrcCcy*>	[1..1]			182
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	182
	NumericCode <*NmrcCd*>	[0..1]	Text		183
	Decimal <*Dcml*>	[0..1]	Quantity		183
	Name <*Nm*>	[0..1]	Text		183
	OriginalAmount <*OrgnlAmt*>	[1..1]			183
	ActualAmount <*ActlAmt*>	[0..1]	Amount		183
	MinimumAmount <*MinAmt*>	[0..1]	Amount		183
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		184
	CommissionDetails <*ComssnDtls*>	[0..*]			184
	Amount <*Amt*>	[1..1]	Amount		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	MarkUpDetails <*MrkUpDtls*>	[0..*]			184

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		185
	Instalment <*Instlmt*>	[0..*]	±		185
	AggregationTransaction <*AggtnTx*>	[0..1]	±		186
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		187
	SaleItem <*SaleItm*>	[0..*]	±		187
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		188
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		188
	AdditionalInformation <*AddtlInf*>	[0..*]			188
	Identification <*Id*>	[1..1]	Text		189
	Value <*Val*>	[0..1]	Binary		189
	ProtectedValue <*PrtctdVal*>	[0..1]	±		189
	Type <*Tp*>	[0..1]	Text		189
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		189
	AuthorisationResult <*AuthstnRslt*>	[0..1]			190
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		190
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			190
	Response <*Rspn*>	[1..1]	CodeSet		191
	ResponseReason <*RspnRsn*>	[0..1]	Text		191
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		191
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		191
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			191
	Method <*Mtd*>	[1..1]	CodeSet		192
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		192
	Result <*Rslt*>	[0..1]	CodeSet		193
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		193
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		193
	AccountFrom <*AcctFr*>	[0..1]			193
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		194
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		195

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountName <*AcctNm*>	[0..1]	Text		195
	AccountOwner <*AcctOwnr*>	[0..1]			196
	Name <*Nm*>	[1..1]	Text		196
	Address <*Adr*>	[1..1]	±		196
	Currency <*Ccy*>	[0..1]	CodeSet	C1	196
	AccountIdentifier <*AcctIdr*>	[0..1]			197
{Or	**Card** <*Card*>	[1..1]	Text		197
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		197
Or	**EMail** <*EMail*>	[1..1]	Text		197
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	197
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		198
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		198
Or	**Domestic** <*Dmst*>	[1..1]	Text		198
Or}	**Other** <*Othr*>	[1..1]	Text		198
	Servicer <*Svcr*>	[0..1]			198
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	199
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		199
	AccountTo <*AcctTo*>	[0..1]			199
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		200
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		201
	AccountName <*AcctNm*>	[0..1]	Text		201
	AccountOwner <*AcctOwnr*>	[0..1]			202
	Name <*Nm*>	[1..1]	Text		202
	Address <*Adr*>	[1..1]	±		202
	Currency <*Ccy*>	[0..1]	CodeSet	C1	202
	AccountIdentifier <*AcctIdr*>	[0..1]			203
{Or	**Card** <*Card*>	[1..1]	Text		203
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		203
Or	**EMail** <*EMail*>	[1..1]	Text		203
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	203
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		204
Or	**Domestic** <*Dmst*>	[1..1]	Text		204
Or}	**Other** <*Othr*>	[1..1]	Text		204
	Servicer <*Svcr*>	[0..1]			204
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	205
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		205
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		205

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 1387):

- *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 1351

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.

CodeName	Name	Definition
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
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 1353

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 1352

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 1387):

- *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 1395

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 1387):

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

4.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1392

4.4.2.3.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

4.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

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 1387):

- *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 1387):

- *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 1387):

- *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 1358

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 1392

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 1390

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 1392

4.4.2.3.20 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

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 1390

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 1390

4.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	173
	TotalAmount <*TtlAmt*>	[1..1]	Amount		174
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		174
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		174
	DetailedAmount <*DtldAmt*>	[0..1]	±		174
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		175
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		175
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		175
	ValidityDate <*VldtyDt*>	[0..1]	Date		175
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		175
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		176
	AccountType <*AcctTp*>	[0..1]	CodeSet		176
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			177
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		179
	Conversion <*Convs*>	[0..1]			179
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		180
	TargetCurrency <*TrgtCcy*>	[1..1]			181
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	181
	NumericCode <*NmrcCd*>	[1..1]	Text		181
	Decimal <*Dcml*>	[1..1]	Quantity		181
	Name <*Nm*>	[0..1]	Text		181
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		181
	ExchangeRate <*XchgRate*>	[1..1]	Rate		182
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		182
	QuotationDate <*QtnDt*>	[0..1]	DateTime		182
	ValidUntil <*VldUntil*>	[0..1]	DateTime		182
	SourceCurrency <*SrcCcy*>	[1..1]			182
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	182
	NumericCode <*NmrcCd*>	[0..1]	Text		183
	Decimal <*Dcml*>	[0..1]	Quantity		183
	Name <*Nm*>	[0..1]	Text		183

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			183
	ActualAmount <*ActlAmt*>	[0..1]	Amount		183
	MinimumAmount <*MinAmt*>	[0..1]	Amount		183
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		184
	CommissionDetails <*ComssnDtls*>	[0..*]			184
	Amount <*Amt*>	[1..1]	Amount		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	MarkUpDetails <*MrkUpDtls*>	[0..*]			184
	Rate <*Rate*>	[1..1]	Rate		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		185
	Instalment <*Instlmt*>	[0..*]	±		185
	AggregationTransaction <*AggtnTx*>	[0..1]	±		186
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		187
	SaleItem <*SaleItm*>	[0..*]	±		187
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		188
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		188
	AdditionalInformation <*AddtlInf*>	[0..*]			188
	Identification <*Id*>	[1..1]	Text		189
	Value <*Val*>	[0..1]	Binary		189
	ProtectedValue <*PrtctdVal*>	[0..1]	±		189
	Type <*Tp*>	[0..1]	Text		189
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		189

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 1335

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 1331

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 1331

4.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

4.4.2.3.23.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

4.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

4.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1331

4.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

4.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth 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 1392

4.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

4.4.2.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		179
	Conversion <*Convs*>	[0..1]			179
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		180
	TargetCurrency <*TrgtCcy*>	[1..1]			181
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	181
	NumericCode <*NmrcCd*>	[1..1]	Text		181
	Decimal <*Dcml*>	[1..1]	Quantity		181
	Name <*Nm*>	[0..1]	Text		181
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		181
	ExchangeRate <*XchgRate*>	[1..1]	Rate		182
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		182
	QuotationDate <*QtnDt*>	[0..1]	DateTime		182
	ValidUntil <*VldUntil*>	[0..1]	DateTime		182
	SourceCurrency <*SrcCcy*>	[1..1]			182
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	182
	NumericCode <*NmrcCd*>	[0..1]	Text		183
	Decimal <*Dcml*>	[0..1]	Quantity		183
	Name <*Nm*>	[0..1]	Text		183
	OriginalAmount <*OrgnlAmt*>	[1..1]			183
	ActualAmount <*ActlAmt*>	[0..1]	Amount		183
	MinimumAmount <*MinAmt*>	[0..1]	Amount		183
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		184
	CommissionDetails <*ComssnDtls*>	[0..*]			184
	Amount <*Amt*>	[1..1]	Amount		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	MarkUpDetails <*MrkUpDtls*>	[0..*]			184
	Rate <*Rate*>	[1..1]	Rate		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		185

4.4.2.3.23.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

- *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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		180
	TargetCurrency <*TrgtCcy*>	[1..1]			181
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	181
	NumericCode <*NmrcCd*>	[1..1]	Text		181
	Decimal <*Dcml*>	[1..1]	Quantity		181
	Name <*Nm*>	[0..1]	Text		181
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		181
	ExchangeRate <*XchgRate*>	[1..1]	Rate		182
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		182
	QuotationDate <*QtnDt*>	[0..1]	DateTime		182
	ValidUntil <*VldUntil*>	[0..1]	DateTime		182
	SourceCurrency <*SrcCcy*>	[1..1]			182
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	182
	NumericCode <*NmrcCd*>	[0..1]	Text		183
	Decimal <*Dcml*>	[0..1]	Quantity		183
	Name <*Nm*>	[0..1]	Text		183
	OriginalAmount <*OrgnlAmt*>	[1..1]			183
	ActualAmount <*ActlAmt*>	[0..1]	Amount		183
	MinimumAmount <*MinAmt*>	[0..1]	Amount		183
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		184
	CommissionDetails <*ComssnDtls*>	[0..*]			184
	Amount <*Amt*>	[1..1]	Amount		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	MarkUpDetails <*MrkUpDtls*>	[0..*]			184
	Rate <*Rate*>	[1..1]	Rate		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		185

4.4.2.3.23.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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	181
	NumericCode <*NmrcCd*>	[1..1]	Text		181
	Decimal <*Dcml*>	[1..1]	Quantity		181
	Name <*Nm*>	[0..1]	Text		181

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 1335

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 1389

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 1388

4.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

4.4.2.3.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1388

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 1388

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 1385

4.4.2.3.23.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

4.4.2.3.23.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	182
	NumericCode <*NmrcCd*>	[0..1]	Text		183
	Decimal <*Dcml*>	[0..1]	Quantity		183
	Name <*Nm*>	[0..1]	Text		183

4.4.2.3.23.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

4.4.2.3.23.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

4.4.2.3.23.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

4.4.2.3.23.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

4.4.2.3.23.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		183
	MinimumAmount <*MinAmt*>	[0..1]	Amount		183
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		184

4.4.2.3.23.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

4.4.2.3.23.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

4.4.2.3.23.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

4.4.2.3.23.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184

4.4.2.3.23.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

4.4.2.3.23.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

4.4.2.3.23.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		184
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		184

4.4.2.3.23.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

4.4.2.3.23.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

4.4.2.3.23.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

4.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstImt> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstImtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstImtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

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 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

4.4.2.3.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

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 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

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 1392

4.4.2.3.23.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		189
	Value <*Val*>	[0..1]	Binary		189
	ProtectedValue <*PrtctdVal*>	[0..1]	±		189
	Type <*Tp*>	[0..1]	Text		189

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 1389

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 1332

4.4.2.3.23.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

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 1389

4.4.2.3.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

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]	±		190
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			190
	Response <*Rspn*>	[1..1]	CodeSet		191
	ResponseReason <*RspnRsn*>	[0..1]	Text		191
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		191
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		191

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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

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		191
	ResponseReason <*RspnRsn*>	[0..1]	Text		191
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		191

4.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

4.4.2.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

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 1390

4.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

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		192
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		192
	Result <*Rslt*>	[0..1]	CodeSet		193
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		193

4.4.2.3.25.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1344

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 1344

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 1385

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 1393

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 1393

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		194
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		195
	AccountName <*AcctNm*>	[0..1]	Text		195
	AccountOwner <*AcctOwnr*>	[0..1]			196
	Name <*Nm*>	[1..1]	Text		196
	Address <*Adr*>	[1..1]	±		196
	Currency <*Ccy*>	[0..1]	CodeSet	C1	196
	AccountIdentifier <*AcctIdr*>	[0..1]			197
{Or	**Card** <*Card*>	[1..1]	Text		197
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		197
Or	**EMail** <*EMail*>	[1..1]	Text		197
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	197
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		198
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		198
Or	**Domestic** <*Dmst*>	[1..1]	Text		198
Or}	**Other** <*Othr*>	[1..1]	Text		198
	Servicer <*Svcr*>	[0..1]			198
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	199
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		199

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 1333

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 1348

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 1393

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		196
	Address <*Adr*>	[1..1]	±		196

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 1393

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 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

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 1335

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		197
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		197
Or	**EMail** <*EMail*>	[1..1]	Text		197
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	197
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		198
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		198
Or	**Domestic** <*Dmst*>	[1..1]	Text		198
Or}	**Other** <*Othr*>	[1..1]	Text		198

4.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

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 1390

4.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

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 1386

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 1386

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 1387

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 1392

4.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

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	199
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		199

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 1386

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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

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		200
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		201
	AccountName <*AcctNm*>	[0..1]	Text		201
	AccountOwner <*AcctOwnr*>	[0..1]			202
	Name <*Nm*>	[1..1]	Text		202
	Address <*Adr*>	[1..1]	±		202
	Currency <*Ccy*>	[0..1]	CodeSet	C1	202
	AccountIdentifier <*AcctIdr*>	[0..1]			203
{Or	**Card** <*Card*>	[1..1]	Text		203
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		203
Or	**EMail** <*EMail*>	[1..1]	Text		203
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	203
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		204
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		204
Or	**Domestic** <*Dmst*>	[1..1]	Text		204
Or}	**Other** <*Othr*>	[1..1]	Text		204
	Servicer <*Svcr*>	[0..1]			204
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	205
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		205

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 1333

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 1348

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 1393

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		202
	Address <*Adr*>	[1..1]	±		202

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 1393

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 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

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 1335

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		203
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		203
Or	**EMail** <*EMail*>	[1..1]	Text		203
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	203
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		204
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		204
Or	**Domestic** <*Dmst*>	[1..1]	Text		204
Or}	**Other** <*Othr*>	[1..1]	Text		204

4.4.2.3.28.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

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 1390

4.4.2.3.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

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 1386

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 1386

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 1387

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 1392

4.4.2.3.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

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	205
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		205

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 1386

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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

4.4.2.3.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

5 DRAFT1caaa.004.001.10 AcceptorCompletionAdviceResponseV10

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 AcceptorCompletionAdviceResponseV10 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

   Completion advice response message management information.

B. CompletionAdviceResponse

   Information related to the completion advice response.

C. SecurityTrailer

   Trailer of the message containing a MAC.

5.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvcRspn>	[1..1]			
	Header <*Hdr*>	[1..1]			209
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		209
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		211
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		211
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		211
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		211
	InitiatingParty <*InitgPty*>	[1..1]	±		211
	RecipientParty <*RcptPty*>	[0..1]	±		212
	Traceability <*Tracblt*>	[0..*]	±		212
	CompletionAdviceResponse <*CmpltnAdvcRspn*>	[1..1]			213
	Environment <*Envt*>	[1..1]	±		213
	Transaction <*Tx*>	[1..1]			219
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		219
	TransactionIdentification <*TxId*>	[1..1]	±		219
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		220
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		220
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		220
	Response <*Rspn*>	[1..1]	CodeSet		220
	TMSTrigger <*TMSTrggr*>	[0..1]			220
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		221
	TMSIdentification <*TMSId*>	[0..1]	Text		221
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		221
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	221
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		222

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		209
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		211
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		211
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		211
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		211
	InitiatingParty <*InitgPty*>	[1..1]	±		211
	RecipientParty <*RcptPty*>	[0..1]	±		212
	Traceability <*Tracblt*>	[0..*]	±		212

5.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

5.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

5.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

5.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

5.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 <TracbIt> contains the following elements (see "Traceability8" on page 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

5.4.2 CompletionAdviceResponse <CmpltnAdvcRspn>

Presence: [1..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcRspn> contains the following **AcceptorCompletionAdviceResponse10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		213
	Transaction <*Tx*>	[1..1]			219
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		219
	TransactionIdentification <*TxId*>	[1..1]	±		219
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		220
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		220
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		220
	Response <*Rspn*>	[1..1]	CodeSet		220
	TMSTrigger <*TMSTrggr*>	[0..1]			220
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		221
	TMSIdentification <*TMSId*>	[0..1]	Text		221
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		221
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	221

5.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		219
	TransactionIdentification <*TxId*>	[1..1]	±		219
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		220
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		220
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		220
	Response <*Rspn*>	[1..1]	CodeSet		220

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

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 1392

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 1390

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 1392

5.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

5.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		221
	TMSIdentification <*TMSId*>	[0..1]	Text		221
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		221

5.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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 1392

5.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

6 DRAFT1caaa.005.001.11 AcceptorCancellationRequestV11

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 AcceptorCancellationRequestV11 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]			225
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		226
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		227
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		227
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		228
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		228
	InitiatingParty <*InitgPty*>	[1..1]	±		228
	RecipientParty <*RcptPty*>	[0..1]	±		228
	Traceability <*Tracblt*>	[0..*]	±		229
	CancellationRequest <*CxlReq*>	[1..1]			229
	Environment <*Envt*>	[1..1]	±		230
	Context <*Cntxt*>	[1..1]	±		236
	Transaction <*Tx*>	[1..1]			239
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		239
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		240
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		240
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		240
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		240
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		240
	TransactionIdentification <*TxId*>	[1..1]	±		240
	OriginalTransaction <*OrgnlTx*>	[1..1]	±		241
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		241
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		241
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		242
	TransactionDetails <*TxDtls*>	[1..1]			242
	Currency <*Ccy*>	[0..1]	CodeSet	C1	242
	TotalAmount <*TtlAmt*>	[1..1]	Amount		242
	ValidityDate <*VldtyDt*>	[0..1]	Date		242
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		243

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		243
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		243
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		243

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		226
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		227
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		227
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		228
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		228
	InitiatingParty <*InitgPty*>	[1..1]	±		228
	RecipientParty <*RcptPty*>	[0..1]	±		228
	Traceability <*Tracblt*>	[0..*]	±		229

6.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

6.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

6.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

6.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

6.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

6.4.2 CancellationRequest <CxlReq>

Presence: [1..1]

Definition: Information related to the cancellation request.

CancellationRequest <CxlReq> contains the following **AcceptorCancellationRequest11** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		230
	Context <*Cntxt*>	[1..1]	±		236
	Transaction <*Tx*>	[1..1]			239
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		239
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		240
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		240
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		240
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		240
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		240
	TransactionIdentification <*TxId*>	[1..1]	±		240
	OriginalTransaction <*OrgnlTx*>	[1..1]	±		241
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		241
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		241
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		242
	TransactionDetails <*TxDtls*>	[1..1]			242
	Currency <*Ccy*>	[0..1]	CodeSet	C1	242
	TotalAmount <*TtlAmt*>	[1..1]	Amount		242
	ValidityDate <*VldtyDt*>	[0..1]	Date		242
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		243
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		243
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		243

6.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

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		239
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		240
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		240
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		240
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		240
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		240
	TransactionIdentification <*TxId*>	[1..1]	±		240
	OriginalTransaction <*OrgnlTx*>	[1..1]	±		241
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		241
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		241
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		242
	TransactionDetails <*TxDtls*>	[1..1]			242
	Currency <*Ccy*>	[0..1]	CodeSet	C1	242
	TotalAmount <*TtlAmt*>	[1..1]	Amount		242
	ValidityDate <*VldtyDt*>	[0..1]	Date		242
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		243
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		243
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		243

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 1387):

- *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 1395

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 1387):

- *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 1392

6.4.2.3.5 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

6.4.2.3.8 OriginalTransaction <OrgnlTx>

Presence: [1..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

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 1392

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 1390

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 1392

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	242
	TotalAmount <*TtlAmt*>	[1..1]	Amount		242
	ValidityDate <*VldtyDt*>	[0..1]	Date		242
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		243
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		243

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 1335

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 1331

6.4.2.3.12.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

6.4.2.3.12.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

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 1387):

- *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 1393

6.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

7 DRAFT1caaa.006.001.10 AcceptorCancellationResponseV10

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 AcceptorCancellationResponseV10 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]			246
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		247
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		248
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		248
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		249
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		249
	InitiatingParty <*InitgPty*>	[1..1]	±		249
	RecipientParty <*RcptPty*>	[0..1]	±		249
	Traceability <*Tracblt*>	[0..*]	±		250
	CancellationResponse <*CxlRspn*>	[1..1]			250
	Environment <*Envt*>	[1..1]	±		252
	Transaction <*Tx*>	[1..1]			258
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		258
	TransactionIdentification <*TxId*>	[1..1]	±		259
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		259
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		259
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		259
	InterchangeData <*IntrchngData*>	[0..1]	Text		259
	TransactionDetails <*TxDtls*>	[1..1]			259
	Currency <*Ccy*>	[0..1]	CodeSet	C1	260
	TotalAmount <*TtlAmt*>	[1..1]	Amount		260
	ValidityDate <*VldtyDt*>	[0..1]	Date		260
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		260
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		260
	TransactionResponse <*TxRspn*>	[1..1]			261
	AuthorisationResult <*AuthstnRslt*>	[1..1]			261
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		262
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			262
	Response <*Rspn*>	[1..1]	CodeSet		263

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ResponseReason <*RspnRsn*>	[0..1]	Text		263
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		263
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		263
	TMSTrigger <*TMSTrggr*>	[0..1]			263
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		263
	TMSIdentification <*TMSId*>	[0..1]	Text		264
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		264
	Action <*Actn*>	[0..*]			264
	ActionType <*ActnTp*>	[1..1]	CodeSet		264
	MessageToPresent <*MsgToPres*>	[0..1]	±		265
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		266

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		247
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		248
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		248
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		249
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		249
	InitiatingParty <*InitgPty*>	[1..1]	±		249
	RecipientParty <*RcptPty*>	[0..1]	±		249
	Traceability <*Tracblt*>	[0..*]	±		250

7.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

7.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

7.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

7.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

7.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

7.4.2 CancellationResponse <CxlRspn>

Presence: [1..1]

Definition: Information related to the cancellation response.

CancellationResponse <CxlRspn> contains the following **AcceptorCancellationResponse10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		252
	Transaction <*Tx*>	[1..1]			258
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		258
	TransactionIdentification <*TxId*>	[1..1]	±		259
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		259
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		259
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		259
	InterchangeData <*IntrchngData*>	[0..1]	Text		259
	TransactionDetails <*TxDtls*>	[1..1]			259
	Currency <*Ccy*>	[0..1]	CodeSet	C1	260
	TotalAmount <*TtlAmt*>	[1..1]	Amount		260
	ValidityDate <*VldtyDt*>	[0..1]	Date		260
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		260
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		260
	TransactionResponse <*TxRspn*>	[1..1]			261
	AuthorisationResult <*AuthstnRslt*>	[1..1]			261
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		262
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			262
	Response <*Rspn*>	[1..1]	CodeSet		263
	ResponseReason <*RspnRsn*>	[0..1]	Text		263
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		263
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		263
	TMSTrigger <*TMSTrggr*>	[0..1]			263
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		263
	TMSIdentification <*TMSId*>	[0..1]	Text		264
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		264
	Action <*Actn*>	[0..*]			264
	ActionType <*ActnTp*>	[1..1]	CodeSet		264
	MessageToPresent <*MsgToPres*>	[0..1]	±		265

7.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		258
	TransactionIdentification <*TxId*>	[1..1]	±		259
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		259
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		259
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		259
	InterchangeData <*IntrchngData*>	[0..1]	Text		259
	TransactionDetails <*TxDtls*>	[1..1]			259
	Currency <*Ccy*>	[0..1]	CodeSet	C1	260
	TotalAmount <*TtlAmt*>	[1..1]	Amount		260
	ValidityDate <*VldtyDt*>	[0..1]	Date		260
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		260
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		260

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

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 1392

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 1390

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 1392

7.4.2.2.6 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

7.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	260
	TotalAmount <*TtlAmt*>	[1..1]	Amount		260
	ValidityDate <*VldtyDt*>	[0..1]	Date		260
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		260
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		260

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 1335

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 1331

7.4.2.2.7.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

7.4.2.2.7.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

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 1387):

- *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 **CardPaymentTransaction113** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <*AuthstnRslt*>	[1..1]			261
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		262
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			262
	Response <*Rspn*>	[1..1]	CodeSet		263
	ResponseReason <*RspnRsn*>	[0..1]	Text		263
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		263
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		263
	TMSTrigger <*TMSTrggr*>	[0..1]			263
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		263
	TMSIdentification <*TMSId*>	[0..1]	Text		264
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		264
	Action <*Actn*>	[0..*]			264
	ActionType <*ActnTp*>	[1..1]	CodeSet		264
	MessageToPresent <*MsgToPres*>	[0..1]	±		265

7.4.2.3.1 AuthorisationResult <AuthstnRslt>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		262
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			262
	Response <*Rspn*>	[1..1]	CodeSet		263
	ResponseReason <*RspnRsn*>	[0..1]	Text		263
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		263
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		263
	TMSTrigger <*TMSTrggr*>	[0..1]			263
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		263
	TMSIdentification <*TMSId*>	[0..1]	Text		264
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		264

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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

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		263
	ResponseReason <*RspnRsn*>	[0..1]	Text		263
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		263

7.4.2.3.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

7.4.2.3.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

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 1390

7.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

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		263
	TMSIdentification <*TMSId*>	[0..1]	Text		264
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		264

7.4.2.3.1.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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 1392

7.4.2.3.1.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

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 **Action12** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActionType <*ActnTp*>	[1..1]	CodeSet		264
	MessageToPresent <*MsgToPres*>	[0..1]	±		265

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: "ActionType12Code" on page 1334

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.

CodeName	Name	Definition
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 Authentification through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentification 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 revocated this recurring transaction for this merchant.

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 "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

7.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

8 DRAFT1caaa.007.001.11 AcceptorCancellationAdviceV11

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 AcceptorCancellationAdviceV11 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> <AccptrCxlAdvc>	[1..1]			
	Header <*Hdr*>	[1..1]			270
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		270
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		272
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		272
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		272
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		272
	InitiatingParty <*InitgPty*>	[1..1]	±		272
	RecipientParty <*RcptPty*>	[0..1]	±		272
	Traceability <*Tracblt*>	[0..*]	±		273
	CancellationAdvice <*CxlAdvc*>	[1..1]			273
	Environment <*Envt*>	[1..1]	±		275
	Context <*Cntxt*>	[0..1]	±		281
	Transaction <*Tx*>	[1..1]			284
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		286
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		286
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		286
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		286
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		286
	TransactionIdentification <*TxId*>	[1..1]	±		286
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		287
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		287
	Reversal <*Rvsl*>	[0..1]	Indicator		288
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		288
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		288
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		289
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		289
	InterchangeData <*IntrchngData*>	[0..1]	Text		289
	TransactionDetails <*TxDtls*>	[1..1]			289
	Currency <*Ccy*>	[0..1]	CodeSet	C1	289

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TotalAmount <*TtlAmt*>	[1..1]	Amount		290
	ValidityDate <*VldtyDt*>	[0..1]	Date		290
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		290
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		290
	AuthorisationResult <*AuthstnRslt*>	[0..1]			290
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		291
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			291
	Response <*Rspn*>	[1..1]	CodeSet		292
	ResponseReason <*RspnRsn*>	[0..1]	Text		292
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		292
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		292
	TMSTrigger <*TMSTrggr*>	[0..1]			292
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		292
	TMSIdentification <*TMSId*>	[0..1]	Text		293
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		293
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		293
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		293

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		270
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		272
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		272
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		272
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		272
	InitiatingParty <*InitgPty*>	[1..1]	±		272
	RecipientParty <*RcptPty*>	[0..1]	±		272
	Traceability <*Tracblt*>	[0..*]	±		273

8.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

8.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

8.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

8.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

8.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

8.4.2 CancellationAdvice <CxlAdvc>

Presence: [1..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxlAdvc> contains the following **AcceptorCancellationAdvice11** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		275
	Context <*Cntxt*>	[0..1]	±		281
	Transaction <*Tx*>	[1..1]			284
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		286
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		286
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		286
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		286
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		286
	TransactionIdentification <*TxId*>	[1..1]	±		286
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		287
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		287
	Reversal <*Rvsl*>	[0..1]	Indicator		288
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		288
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		288
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		289
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		289
	InterchangeData <*IntrchngData*>	[0..1]	Text		289
	TransactionDetails <*TxDtls*>	[1..1]			289
	Currency <*Ccy*>	[0..1]	CodeSet	C1	289
	TotalAmount <*TtlAmt*>	[1..1]	Amount		290
	ValidityDate <*VldtyDt*>	[0..1]	Date		290
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		290
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		290
	AuthorisationResult <*AuthstnRslt*>	[0..1]			290
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		291
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			291
	Response <*Rspn*>	[1..1]	CodeSet		292
	ResponseReason <*RspnRsn*>	[0..1]	Text		292
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		292
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		292
	TMSTrigger <*TMSTrggr*>	[0..1]			292

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		292
	TMSIdentification <*TMSId*>	[0..1]	Text		293
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		293
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		293

8.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

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		286
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		286
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		286
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		286
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		286
	TransactionIdentification <*TxId*>	[1..1]	±		286
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		287
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		287
	Reversal <*Rvsl*>	[0..1]	Indicator		288
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		288
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		288
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		289
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		289
	InterchangeData <*IntrchngData*>	[0..1]	Text		289
	TransactionDetails <*TxDtls*>	[1..1]			289
	Currency <*Ccy*>	[0..1]	CodeSet	C1	289
	TotalAmount <*TtlAmt*>	[1..1]	Amount		290
	ValidityDate <*VldtyDt*>	[0..1]	Date		290
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		290
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		290
	AuthorisationResult <*AuthstnRslt*>	[0..1]			290
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		291
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			291
	Response <*Rspn*>	[1..1]	CodeSet		292
	ResponseReason <*RspnRsn*>	[0..1]	Text		292
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		292
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		292
	TMSTrigger <*TMSTrggr*>	[0..1]			292
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		292
	TMSIdentification <*TMSId*>	[0..1]	Text		293
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		293

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		293

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 1395

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 1387):

- *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 1392

8.4.2.3.4 CardProgrammeApplied <CardPrgrmmApId>

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 1392

8.4.2.3.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

8.4.2.3.6 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

8.4.2.3.7 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

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 1387):

- *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 1387):

- *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 1358

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 1392

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 1390

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 1392

8.4.2.3.14 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

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	289
	TotalAmount <*TtlAmt*>	[1..1]	Amount		290
	ValidityDate <*VldtyDt*>	[0..1]	Date		290
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		290
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		290

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 1335

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 1331

8.4.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

8.4.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

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 1387):

- *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]	±		291
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			291
	Response <*Rspn*>	[1..1]	CodeSet		292
	ResponseReason <*RspnRsn*>	[0..1]	Text		292
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		292
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		292
	TMSTrigger <*TMSTrggr*>	[0..1]			292
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		292
	TMSIdentification <*TMSId*>	[0..1]	Text		293
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		293

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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

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		292
	ResponseReason <*RspnRsn*>	[0..1]	Text		292
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		292

8.4.2.3.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

8.4.2.3.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

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 1390

8.4.2.3.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

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		292
	TMSIdentification <*TMSId*>	[0..1]	Text		293
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		293

8.4.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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 1392

8.4.2.3.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

8.4.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

8.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

9 DRAFT1caaa.008.001.10 AcceptorCancellationAdviceResponseV10

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 AcceptorCancellationAdviceResponseV10 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]			296
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		296
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		298
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		298
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		298
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		298
	InitiatingParty <*InitgPty*>	[1..1]	±		298
	RecipientParty <*RcptPty*>	[0..1]	±		299
	Traceability <*Tracblt*>	[0..*]	±		299
	CancellationAdviceResponse <*CxlAdvcRspn*>	[1..1]			300
	Environment <*Envt*>	[1..1]	±		300
	Transaction <*Tx*>	[1..1]			306
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		306
	TransactionIdentification <*TxId*>	[1..1]	±		306
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		307
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		307
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		307
	Response <*Rspn*>	[1..1]	CodeSet		307
	TMSTrigger <*TMSTrggr*>	[0..1]			307
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		308
	TMSIdentification <*TMSId*>	[0..1]	Text		308
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		308
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		308

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		296
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		298
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		298
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		298
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		298
	InitiatingParty <*InitgPty*>	[1..1]	±		298
	RecipientParty <*RcptPty*>	[0..1]	±		299
	Traceability <*Tracblt*>	[0..*]	±		299

9.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

9.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

9.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

9.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

9.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

9.4.2 CancellationAdviceResponse <CxlAdvcRspn>

Presence: [1..1]

Definition: Information related to the cancellation advice response.

CancellationAdviceResponse <CxlAdvcRspn> contains the following **AcceptorCancellationAdviceResponse10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		300
	Transaction <*Tx*>	[1..1]			306
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		306
	TransactionIdentification <*TxId*>	[1..1]	±		306
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		307
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		307
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		307
	Response <*Rspn*>	[1..1]	CodeSet		307
	TMSTrigger <*TMSTrggr*>	[0..1]			307
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		308
	TMSIdentification <*TMSId*>	[0..1]	Text		308
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		308

9.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		306
	TransactionIdentification <*TxId*>	[1..1]	±		306
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		307
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		307
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		307
	Response <*Rspn*>	[1..1]	CodeSet		307

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

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 1392

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 1390

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 1392

9.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

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		308
	TMSIdentification <*TMSId*>	[0..1]	Text		308
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		308

9.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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 1392

9.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

9.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

10 DRAFT1caaa.009.001.10 AcceptorReconciliationRequestV10

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 AcceptorReconciliationRequestV10 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]			311
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		311
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		313
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		313
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		313
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		313
	InitiatingParty <*InitgPty*>	[1..1]	±		313
	RecipientParty <*RcptPty*>	[0..1]	±		314
	Traceability <*Tracblt*>	[0..*]	±		314
	ReconciliationRequest <*RcncltnReq*>	[1..1]			315
	Environment <*Envt*>	[1..1]	±		315
	Transaction <*Tx*>	[1..1]			321
	ClosePeriod <*ClsPrd*>	[0..1]	Indicator		321
	ReconciliationTransactionIdentification <*RcncltnTxId*>	[1..1]	±		322
	ReconciliationIdentification <*RcncltnId*>	[1..1]	Text		322
	TransactionTotals <*TxTtls*>	[0..*]			322
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		322
	CardBrand <*CardBrnd*>	[0..1]	Text		322
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		323
	Currency <*Ccy*>	[0..1]	CodeSet	C1	323
	Type <*Tp*>	[1..1]	CodeSet		323
	TotalNumber <*TtlNb*>	[1..1]	Quantity		323
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		323
	AdditionalTransactionData <*AddtlTxData*>	[0..1]	Text		324
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		324

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		311
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		313
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		313
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		313
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		313
	InitiatingParty <*InitgPty*>	[1..1]	±		313
	RecipientParty <*RcptPty*>	[0..1]	±		314
	Traceability <*Tracblt*>	[0..*]	±		314

10.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

10.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

10.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

10.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

10.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 <TracbIt> contains the following elements (see "Traceability8" on page 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

10.4.2 ReconciliationRequest <RncltnReq>

Presence: [1..1]

Definition: Information related to the reconciliation request.

ReconciliationRequest <RncltnReq> contains the following **AcceptorReconciliationRequest10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		315
	Transaction <*Tx*>	[1..1]			321
	ClosePeriod <*ClsPrd*>	[0..1]	Indicator		321
	ReconciliationTransactionIdentification <*RncltnTxId*>	[1..1]	±		322
	ReconciliationIdentification <*RncltnId*>	[1..1]	Text		322
	TransactionTotals <*TxTtls*>	[0..*]			322
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		322
	CardBrand <*CardBrnd*>	[0..1]	Text		322
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		323
	Currency <*Ccy*>	[0..1]	CodeSet	C1	323
	Type <*Tp*>	[1..1]	CodeSet		323
	TotalNumber <*TtlNb*>	[1..1]	Quantity		323
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		323
	AdditionalTransactionData <*AddtlTxData*>	[0..1]	Text		324

10.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		321
	ReconciliationTransactionIdentification <*RcncltnTxId*>	[1..1]	±		322
	ReconciliationIdentification <*RcncltnId*>	[1..1]	Text		322
	TransactionTotals <*TxTtls*>	[0..*]			322
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		322
	CardBrand <*CardBrnd*>	[0..1]	Text		322
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		323
	Currency <*Ccy*>	[0..1]	CodeSet	C1	323
	Type <*Tp*>	[1..1]	CodeSet		323
	TotalNumber <*TtlNb*>	[1..1]	Quantity		323
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		323
	AdditionalTransactionData <*AddtlTxData*>	[0..1]	Text		324

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 1387):

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

10.4.2.2.2 ReconciliationTransactionIdentification <RncltnTxId>

Presence: [1..1]

Definition: Unique identification of a reconciliation transaction.

ReconciliationTransactionIdentification <RncltnTxId> contains the following elements (see "TransactionIdentifier1" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

10.4.2.2.3 ReconciliationIdentification <RncltnId>

Presence: [1..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 1392

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		322
	CardBrand <*CardBrnd*>	[0..1]	Text		322
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		323
	Currency <*Ccy*>	[0..1]	CodeSet	C1	323
	Type <*Tp*>	[1..1]	CodeSet		323
	TotalNumber <*TtlNb*>	[1..1]	Quantity		323
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		323

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 1392

10.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1392

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 1392

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 1335

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 1382

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 1388

10.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

10.4.2.2.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 1393

10.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

11 DRAFT1caaa.010.001.09 AcceptorReconciliationResponseV09

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 AcceptorReconciliationResponseV09 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]			327
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		327
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		329
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		329
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		329
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		329
	InitiatingParty <*InitgPty*>	[1..1]	±		329
	RecipientParty <*RcptPty*>	[0..1]	±		330
	Traceability <*Tracblt*>	[0..*]	±		330
	ReconciliationResponse <*RcncltnRspn*>	[1..1]			331
	Environment <*Envt*>	[1..1]	±		332
	TransactionResponse <*TxRspn*>	[1..1]			338
	Response <*Rspn*>	[1..1]	CodeSet		338
	ResponseReason <*RspnRsn*>	[0..1]	Text		338
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		339
	Transaction <*Tx*>	[1..1]			339
	ClosePeriod <*ClsPrd*>	[0..1]	Indicator		339
	ReconciliationTransactionIdentification <*RcncltnTxId*>	[1..1]	±		339
	ReconciliationIdentification <*RcncltnId*>	[1..1]	Text		340
	TransactionTotals <*TxTtls*>	[0..*]			340
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		340
	CardBrand <*CardBrnd*>	[0..1]	Text		340
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		340
	Currency <*Ccy*>	[0..1]	CodeSet	C1	341
	Type <*Tp*>	[1..1]	CodeSet		341
	TotalNumber <*TtlNb*>	[1..1]	Quantity		341
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		341
	AdditionalTransactionData <*AddtlTxData*>	[0..1]	Text		341
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		342

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		327
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		329
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		329
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		329
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		329
	InitiatingParty <*InitgPty*>	[1..1]	±		329
	RecipientParty <*RcptPty*>	[0..1]	±		330
	Traceability <*Tracblt*>	[0..*]	±		330

11.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

11.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

11.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

11.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

11.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 <TracbIt> contains the following elements (see "Traceability8" on page 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

11.4.2 ReconciliationResponse <RncltnRspn>

Presence: [1..1]

Definition: Information related to the reconciliation response.

ReconciliationResponse <RncltnRspn> contains the following **AcceptorReconciliationResponse8** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		332
	TransactionResponse <*TxRspn*>	[1..1]			338
	Response <*Rspn*>	[1..1]	CodeSet		338
	ResponseReason <*RspnRsn*>	[0..1]	Text		338
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		339
	Transaction <*Tx*>	[1..1]			339
	ClosePeriod <*ClsPrd*>	[0..1]	Indicator		339
	ReconciliationTransactionIdentification <*RncltnTxId*>	[1..1]	±		339
	ReconciliationIdentification <*RncltnId*>	[1..1]	Text		340
	TransactionTotals <*TxTtls*>	[0..*]			340
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		340
	CardBrand <*CardBrnd*>	[0..1]	Text		340
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		340
	Currency <*Ccy*>	[0..1]	CodeSet	C1	341
	Type <*Tp*>	[1..1]	CodeSet		341
	TotalNumber <*TtlNb*>	[1..1]	Quantity		341
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		341
	AdditionalTransactionData <*AddtlTxData*>	[0..1]	Text		341

11.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		338
	ResponseReason <*RspnRsn*>	[0..1]	Text		338
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		339

11.4.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

11.4.2.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

11.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

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		339
	ReconciliationTransactionIdentification <*RcncltnTxId*>	[1..1]	±		339
	ReconciliationIdentification <*RcncltnId*>	[1..1]	Text		340
	TransactionTotals <*TxTtls*>	[0..*]			340
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		340
	CardBrand <*CardBrnd*>	[0..1]	Text		340
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		340
	Currency <*Ccy*>	[0..1]	CodeSet	C1	341
	Type <*Tp*>	[1..1]	CodeSet		341
	TotalNumber <*TtlNb*>	[1..1]	Quantity		341
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		341
	AdditionalTransactionData <*AddtlTxData*>	[0..1]	Text		341

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 1387):

- *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 <RncltnTxId> contains the following elements (see "TransactionIdentifier1" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

11.4.2.3.3 ReconciliationIdentification <RncltnId>

Presence: [1..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 1392

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		340
	CardBrand <*CardBrnd*>	[0..1]	Text		340
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		340
	Currency <*Ccy*>	[0..1]	CodeSet	C1	341
	Type <*Tp*>	[1..1]	CodeSet		341
	TotalNumber <*TtlNb*>	[1..1]	Quantity		341
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		341

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 1392

11.4.2.3.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1392

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 1392

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 1335

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 1382

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 1388

11.4.2.3.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

11.4.2.3.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 1393

11.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

12 DRAFT1caaa.011.001.11 AcceptorBatchTransferV11

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 AcceptorBatchTransferV11 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]			346
	DownloadTransfer <*DwnldTrf*>	[1..1]	Indicator		346
	FormatVersion <*FrmtVrsn*>	[1..1]	Text		347
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		347
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		347
	InitiatingParty <*InitgPty*>	[1..1]	±		347
	RecipientParty <*RcptPty*>	[0..1]	±		347
	BatchTransfer <*BtchTrf*>	[1..1]			348
	TransactionTotals <*TxTtls*>	[0..*]			350
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		350
	CardBrand <*CardBrnd*>	[0..1]	Text		351
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		351
	Currency <*Ccy*>	[0..1]	CodeSet	C1	351
	Type <*Tp*>	[1..1]	CodeSet		351
	TotalNumber <*TtlNb*>	[1..1]	Quantity		351
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		352
	DataSet <*DataSet*>	[0..*]			352
	DataSetIdentification <*DataSetId*>	[1..1]			354
	Name <*Nm*>	[1..1]	Text		354
	Type <*Tp*>	[1..1]	CodeSet		354
	Version <*Vrsn*>	[0..1]	Text		355
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		355
	Traceability <*Tracblt*>	[0..*]	±		355
	DataSetInitiator <*DataSetInitr*>	[0..1]	±		355
	TransactionTotals <*TxTtls*>	[1..*]			356
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		356
	CardBrand <*CardBrnd*>	[0..1]	Text		356
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		356
	Currency <*Ccy*>	[0..1]	CodeSet	C1	357

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[1..1]	CodeSet		357
	TotalNumber <*TtlNb*>	[1..1]	Quantity		357
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		357
	CommonData <*CmonData*>	[0..1]			357
	Environment <*Envt*>	[0..1]	±		358
	Context <*Cntxt*>	[0..1]	±		364
	TransactionType <*TxTp*>	[0..1]	CodeSet		367
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		367
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		368
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		368
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		369
	Currency <*Ccy*>	[0..1]	CodeSet	C1	369
	Transaction <*Tx*>	[1..*]			369
{Or	**Completion** <*Cmpltn*>	[1..1]	±		369
Or	**Cancellation** <*Cxl*>	[1..1]	±		375
Or	**AuthorisationRequest** <*AuthstnReq*>	[1..1]	±		377
Or	**AuthorisationResponse** <*AuthstnRspn*>	[1..1]	±		381
Or	**TokenRequest** <*TknReq*>	[1..1]			386
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		386
	Environment <*Envt*>	[1..1]	±		386
Or}	**TokenResponse** <*TknRspn*>	[1..1]			392
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		392
	Environment <*Envt*>	[1..1]	±		392
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		398

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		346
	FormatVersion <*FrmtVrsn*>	[1..1]	Text		347
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		347
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		347
	InitiatingParty <*InitgPty*>	[1..1]	±		347
	RecipientParty <*RcptPty*>	[0..1]	±		347

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 1387):

- *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 1393

12.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

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 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 **CardPaymentBatchTransfer10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionTotals <*TxTtls*>	[0..*]			350
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		350
	CardBrand <*CardBrnd*>	[0..1]	Text		351
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		351
	Currency <*Ccy*>	[0..1]	CodeSet	C1	351
	Type <*Tp*>	[1..1]	CodeSet		351
	TotalNumber <*TtlNb*>	[1..1]	Quantity		351
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		352
	DataSet <*DataSet*>	[0..*]			352
	DataSetIdentification <*DataSetId*>	[1..1]			354
	Name <*Nm*>	[1..1]	Text		354
	Type <*Tp*>	[1..1]	CodeSet		354
	Version <*Vrsn*>	[0..1]	Text		355
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		355
	Traceability <*Tracblt*>	[0..*]	±		355
	DataSetInitiator <*DataSetInitr*>	[0..1]	±		355
	TransactionTotals <*TxTtls*>	[1..*]			356
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		356
	CardBrand <*CardBrnd*>	[0..1]	Text		356
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		356
	Currency <*Ccy*>	[0..1]	CodeSet	C1	357
	Type <*Tp*>	[1..1]	CodeSet		357
	TotalNumber <*TtlNb*>	[1..1]	Quantity		357
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		357
	CommonData <*CmonData*>	[0..1]			357
	Environment <*Envt*>	[0..1]	±		358
	Context <*Cntxt*>	[0..1]	±		364
	TransactionType <*TxTp*>	[0..1]	CodeSet		367
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		367
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		368
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		368

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		369
	Currency <*Ccy*>	[0..1]	CodeSet	C1	369
	Transaction <*Tx*>	[1..*]			369
{Or	**Completion** <*Cmpltn*>	[1..1]	±		369
Or	**Cancellation** <*Cxl*>	[1..1]	±		375
Or	**AuthorisationRequest** <*AuthstnReq*>	[1..1]	±		377
Or	**AuthorisationResponse** <*AuthstnRspn*>	[1..1]	±		381
Or	**TokenRequest** <*TknReq*>	[1..1]			386
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		386
	Environment <*Envt*>	[1..1]	±		386
Or}	**TokenResponse** <*TknRspn*>	[1..1]			392
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		392
	Environment <*Envt*>	[1..1]	±		392

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		350
	CardBrand <*CardBrnd*>	[0..1]	Text		351
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		351
	Currency <*Ccy*>	[0..1]	CodeSet	C1	351
	Type <*Tp*>	[1..1]	CodeSet		351
	TotalNumber <*TtlNb*>	[1..1]	Quantity		351
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		352

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 1392

12.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1392

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 1392

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 1335

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 1382

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 1388

12.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

12.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet29** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <*DataSetId*>	[1..1]			354
	Name <*Nm*>	[1..1]	Text		354
	Type <*Tp*>	[1..1]	CodeSet		354
	Version <*Vrsn*>	[0..1]	Text		355
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		355
	Traceability <*Tracblt*>	[0..*]	±		355
	DataSetInitiator <*DataSetInitr*>	[0..1]	±		355
	TransactionTotals <*TxTtls*>	[1..*]			356
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		356
	CardBrand <*CardBrnd*>	[0..1]	Text		356
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		356
	Currency <*Ccy*>	[0..1]	CodeSet	C1	357
	Type <*Tp*>	[1..1]	CodeSet		357
	TotalNumber <*TtlNb*>	[1..1]	Quantity		357
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		357
	CommonData <*CmonData*>	[0..1]			357
	Environment <*Envt*>	[0..1]	±		358
	Context <*Cntxt*>	[0..1]	±		364
	TransactionType <*TxTp*>	[0..1]	CodeSet		367
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		367
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		368
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		368
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		369
	Currency <*Ccy*>	[0..1]	CodeSet	C1	369
	Transaction <*Tx*>	[1..*]			369
{Or	**Completion** <*Cmpltn*>	[1..1]	±		369
Or	**Cancellation** <*Cxl*>	[1..1]	±		375
Or	**AuthorisationRequest** <*AuthstnReq*>	[1..1]	±		377
Or	**AuthorisationResponse** <*AuthstnRspn*>	[1..1]	±		381
Or	**TokenRequest** <*TknReq*>	[1..1]			386
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		386

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		386
Or}	**TokenResponse** <*TknRspn*>	[1..1]			392
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		392
	Environment <*Envt*>	[1..1]	±		392

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		354
	Type <*Tp*>	[1..1]	CodeSet		354
	Version <*Vrsn*>	[0..1]	Text		355
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		355

12.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1391

12.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1356

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 1391

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 1385

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

12.4.2.2.3 DataSetInitiator <DataSetInitr>

Presence: [0..1]

Definition: Initiator of the data set.

DataSetInitiator <DataSetInitr> contains the following elements (see "GenericIdentification176" on page 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		356
	CardBrand <*CardBrnd*>	[0..1]	Text		356
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		356
	Currency <*Ccy*>	[0..1]	CodeSet	C1	357
	Type <*Tp*>	[1..1]	CodeSet		357
	TotalNumber <*TtlNb*>	[1..1]	Quantity		357
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		357

12.4.2.2.4.1 POIGroupIdentification <POIGrpId>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 1392

12.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1392

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 1392

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 1335

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 1382

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 1388

12.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 **CommonData11** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[0..1]	±		358
	Context <*Cntxt*>	[0..1]	±		364
	TransactionType <*TxTp*>	[0..1]	CodeSet		367
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		367
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		368
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		368
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		369
	Currency <*Ccy*>	[0..1]	CodeSet	C1	369

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 "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

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 1351

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 1353

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 1352

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 1395

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 1392

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 1335

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 **CardPaymentDataSetTransaction10Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	**Completion** <*Cmpltn*>	[1..1]	±		369
Or	**Cancellation** <*Cxl*>	[1..1]	±		375
Or	**AuthorisationRequest** <*AuthstnReq*>	[1..1]	±		377
Or	**AuthorisationResponse** <*AuthstnRspn*>	[1..1]	±		381
Or	**TokenRequest** <*TknReq*>	[1..1]			386
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		386
	Environment <*Envt*>	[1..1]	±		386
Or}	**TokenResponse** <*TknRspn*>	[1..1]			392
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		392
	Environment <*Envt*>	[1..1]	±		392

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 "CardPaymentDataSetTransaction41" on page 864 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		869
	Traceability <*Tracblt*>	[0..*]	±		869
	Environment <*Envt*>	[1..1]	±		869
	Context <*Cntxt*>	[0..1]	±		875
	Transaction <*Tx*>	[1..1]			878
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		883
	TransactionType <*TxTp*>	[0..1]	CodeSet		883
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		884
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		884
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		885
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		885
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		885
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		885
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		885
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		886
	TransactionIdentification <*TxId*>	[1..1]	±		886
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		886
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		887
	Reversal <*Rvsl*>	[0..1]	Indicator		887
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		888
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		888
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		888
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		889
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		889
	InterchangeData <*IntrchngData*>	[0..1]	Text		889
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		889
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		889
	TransactionDetails <*TxDtls*>	[1..1]			889
	Currency <*Ccy*>	[0..1]	CodeSet	C1	891
	TotalAmount <*TtlAmt*>	[1..1]	Amount		892

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		892
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		892
	DetailedAmount <*DtldAmt*>	[0..1]	±		892
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		893
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		893
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		893
	ValidityDate <*VldtyDt*>	[0..1]	Date		893
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		893
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		894
	AccountType <*AcctTp*>	[0..1]	CodeSet		894
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			895
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		897
	Conversion <*Convs*>	[0..1]			897
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		898
	TargetCurrency <*TrgtCcy*>	[1..1]			899
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	899
	NumericCode <*NmrcCd*>	[1..1]	Text		899
	Decimal <*Dcml*>	[1..1]	Quantity		899
	Name <*Nm*>	[0..1]	Text		899
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		899
	ExchangeRate <*XchgRate*>	[1..1]	Rate		900
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		900
	QuotationDate <*QtnDt*>	[0..1]	DateTime		900
	ValidUntil <*VldUntil*>	[0..1]	DateTime		900
	SourceCurrency <*SrcCcy*>	[1..1]			900
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	900
	NumericCode <*NmrcCd*>	[0..1]	Text		901
	Decimal <*Dcml*>	[0..1]	Quantity		901
	Name <*Nm*>	[0..1]	Text		901
	OriginalAmount <*OrgnlAmt*>	[1..1]			901
	ActualAmount <*ActlAmt*>	[0..1]	Amount		901

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MinimumAmount <*MinAmt*>	[0..1]	Amount		901
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		902
	CommissionDetails <*ComssnDtls*>	[0..*]			902
	Amount <*Amt*>	[1..1]	Amount		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	MarkUpDetails <*MrkUpDtls*>	[0..*]			902
	Rate <*Rate*>	[1..1]	Rate		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		903
	Instalment <*Instlmt*>	[0..*]	±		903
	AggregationTransaction <*AggtnTx*>	[0..1]	±		904
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		905
	SaleItem <*SaleItm*>	[0..*]	±		905
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		906
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		906
	AdditionalInformation <*AddtlInf*>	[0..*]			906
	Identification <*Id*>	[1..1]	Text		907
	Value <*Val*>	[0..1]	Binary		907
	ProtectedValue <*PrtctdVal*>	[0..1]	±		907
	Type <*Tp*>	[0..1]	Text		907
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		907
	AuthorisationResult <*AuthstnRslt*>	[0..1]			908
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		908
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			908
	Response <*Rspn*>	[1..1]	CodeSet		909
	ResponseReason <*RspnRsn*>	[0..1]	Text		909
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		909
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		909
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			909
	Method <*Mtd*>	[1..1]	CodeSet		910
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		910

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Result <*Rslt*>	[0..1]	CodeSet		911
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		911
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		911
	AccountFrom <*AcctFr*>	[0..1]			911
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		912
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		913
	AccountName <*AcctNm*>	[0..1]	Text		913
	AccountOwner <*AcctOwnr*>	[0..1]			914
	Name <*Nm*>	[1..1]	Text		914
	Address <*Adr*>	[1..1]	±		914
	Currency <*Ccy*>	[0..1]	CodeSet	C1	914
	AccountIdentifier <*AcctIdr*>	[0..1]			915
{Or	Card <*Card*>	[1..1]	Text		915
Or	MSISDN <*MSISDN*>	[1..1]	Text		915
Or	EMail <*EMail*>	[1..1]	Text		915
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	915
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		916
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		916
Or	Domestic <*Dmst*>	[1..1]	Text		916
Or}	Other <*Othr*>	[1..1]	Text		916
	Servicer <*Svcr*>	[0..1]			916
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	917
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		917
	AccountTo <*AcctTo*>	[0..1]			917
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		918
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		919
	AccountName <*AcctNm*>	[0..1]	Text		919
	AccountOwner <*AcctOwnr*>	[0..1]			920
	Name <*Nm*>	[1..1]	Text		920
	Address <*Adr*>	[1..1]	±		920
	Currency <*Ccy*>	[0..1]	CodeSet	C1	920

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <*AcctIdr*>	[0..1]			921
{Or	Card <*Card*>	[1..1]	Text		921
Or	MSISDN <*MSISDN*>	[1..1]	Text		921
Or	EMail <*EMail*>	[1..1]	Text		921
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	921
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		922
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		922
Or	Domestic <*Dmst*>	[1..1]	Text		922
Or}	Other <*Othr*>	[1..1]	Text		922
	Servicer <*Svcr*>	[0..1]			922
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	923
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		923
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		923

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 "CardPaymentDataSetTransaction39" on page 1017 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		1019
	Traceability <*Tracblt*>	[0..*]	±		1019
	Environment <*Envt*>	[1..1]	±		1019
	Context <*Cntxt*>	[0..1]	±		1025
	Transaction <*Tx*>	[1..1]			1028
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1030
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		1030
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		1030
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		1030
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		1030
	TransactionIdentification <*TxId*>	[1..1]	±		1030
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		1031
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		1031
	Reversal <*Rvsl*>	[0..1]	Indicator		1032
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		1032
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		1032
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		1033
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		1033
	InterchangeData <*IntrchngData*>	[0..1]	Text		1033
	TransactionDetails <*TxDtls*>	[1..1]			1033
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1033
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1034
	ValidityDate <*VldtyDt*>	[0..1]	Date		1034
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1034
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		1034
	AuthorisationResult <*AuthstnRslt*>	[0..1]			1034
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1035
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1035
	Response <*Rspn*>	[1..1]	CodeSet		1036
	ResponseReason <*RspnRsn*>	[0..1]	Text		1036

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1036
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1036
	TMSTrigger <*TMSTrggr*>	[0..1]			1036
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1036
	TMSIdentification <*TMSId*>	[0..1]	Text		1037
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1037
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		1037

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 "CardPaymentDataSetTransaction40" on page 923 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		927
	Traceability <*Tracblt*>	[0..*]	±		927
	Environment <*Envt*>	[1..1]	±		928
	Context <*Cntxt*>	[0..1]	±		934
	Transaction <*Tx*>	[1..1]			937
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		941
	TransactionType <*TxTp*>	[0..1]	CodeSet		941
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		942
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		943
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		943
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		943
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		944
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		944
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		944
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		944
	TransactionIdentification <*TxId*>	[1..1]	±		944
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		944
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		945
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		945
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		945
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		946
	TransactionDetails <*TxDtls*>	[1..1]			946
	Currency <*Ccy*>	[0..1]	CodeSet	C1	948
	TotalAmount <*TtlAmt*>	[1..1]	Amount		949
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		949
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		949
	DetailedAmount <*DtldAmt*>	[0..1]	±		949
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		950
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		950
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		950

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ValidityDate <*VldtyDt*>	[0..1]	Date		950
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		950
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		951
	AccountType <*AcctTp*>	[0..1]	CodeSet		951
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			952
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		954
	Conversion <*Convs*>	[0..1]			954
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		955
	TargetCurrency <*TrgtCcy*>	[1..1]			956
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	956
	NumericCode <*NmrcCd*>	[1..1]	Text		956
	Decimal <*Dcml*>	[1..1]	Quantity		956
	Name <*Nm*>	[0..1]	Text		956
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		956
	ExchangeRate <*XchgRate*>	[1..1]	Rate		957
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		957
	QuotationDate <*QtnDt*>	[0..1]	DateTime		957
	ValidUntil <*VldUntil*>	[0..1]	DateTime		957
	SourceCurrency <*SrcCcy*>	[1..1]			957
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	957
	NumericCode <*NmrcCd*>	[0..1]	Text		958
	Decimal <*Dcml*>	[0..1]	Quantity		958
	Name <*Nm*>	[0..1]	Text		958
	OriginalAmount <*OrgnlAmt*>	[1..1]			958
	ActualAmount <*ActlAmt*>	[0..1]	Amount		958
	MinimumAmount <*MinAmt*>	[0..1]	Amount		958
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		959
	CommissionDetails <*ComssnDtls*>	[0..*]			959
	Amount <*Amt*>	[1..1]	Amount		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	MarkUpDetails <*MrkUpDtls*>	[0..*]			959

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		960
	Instalment <*Instlmt*>	[0..*]	±		960
	AggregationTransaction <*AggtnTx*>	[0..1]	±		961
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		962
	SaleItem <*SaleItm*>	[0..*]	±		962
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		963
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		963
	AdditionalInformation <*AddtlInf*>	[0..*]			963
	Identification <*Id*>	[1..1]	Text		964
	Value <*Val*>	[0..1]	Binary		964
	ProtectedValue <*PrtctdVal*>	[0..1]	±		964
	Type <*Tp*>	[0..1]	Text		964
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		964
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		965
	AccountFrom <*AcctFr*>	[0..1]			965
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		965
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		966
	AccountName <*AcctNm*>	[0..1]	Text		967
	AccountOwner <*AcctOwnr*>	[0..1]			967
	Name <*Nm*>	[1..1]	Text		967
	Address <*Adr*>	[1..1]	±		967
	Currency <*Ccy*>	[0..1]	CodeSet	C1	968
	AccountIdentifier <*AcctIdr*>	[0..1]			968
{Or	Card <*Card*>	[1..1]	Text		969
Or	MSISDN <*MSISDN*>	[1..1]	Text		969
Or	EMail <*EMail*>	[1..1]	Text		969
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	969
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		970
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		970

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	Domestic <*Dmst*>	[1..1]	Text		970
Or}	Other <*Othr*>	[1..1]	Text		970
	Servicer <*Svcr*>	[0..1]			970
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	970
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		971
	AccountTo <*AcctTo*>	[0..1]			971
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		972
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		973
	AccountName <*AcctNm*>	[0..1]	Text		973
	AccountOwner <*AcctOwnr*>	[0..1]			974
	Name <*Nm*>	[1..1]	Text		974
	Address <*Adr*>	[1..1]	±		974
	Currency <*Ccy*>	[0..1]	CodeSet	C1	974
	AccountIdentifier <*AcctIdr*>	[0..1]			975
{Or	Card <*Card*>	[1..1]	Text		975
Or	MSISDN <*MSISDN*>	[1..1]	Text		975
Or	EMail <*EMail*>	[1..1]	Text		975
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	975
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		976
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		976
Or	Domestic <*Dmst*>	[1..1]	Text		976
Or}	Other <*Othr*>	[1..1]	Text		976
	Servicer <*Svcr*>	[0..1]			976
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	977
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		977
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		977

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 "CardPaymentDataSetTransaction38" on page 1037 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		1042
	Traceability <*Tracblt*>	[0..*]	±		1042
	Environment <*Envt*>	[1..1]	±		1042
	Transaction <*Tx*>	[1..1]			1048
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		1051
	TransactionIdentification <*TxId*>	[1..1]	±		1051
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		1051
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		1051
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		1051
	InterchangeData <*IntrchngData*>	[0..1]	Text		1051
	TransactionDetails <*TxDtls*>	[1..1]			1051
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1053
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1054
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		1054
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		1054
	DetailedAmount <*DtldAmt*>	[0..1]	±		1054
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		1055
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		1055
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		1055
	ValidityDate <*VldtyDt*>	[0..1]	Date		1055
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		1055
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1056
	AccountType <*AcctTp*>	[0..1]	CodeSet		1056
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1057
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1059
	Conversion <*Convs*>	[0..1]			1059
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1060
	TargetCurrency <*TrgtCcy*>	[1..1]			1061
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1061
	NumericCode <*NmrcCd*>	[1..1]	Text		1061

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Decimal <*Dcml*>	[1..1]	Quantity		1061
	Name <*Nm*>	[0..1]	Text		1061
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1061
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1062
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1062
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1062
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1062
	SourceCurrency <*SrcCcy*>	[1..1]			1062
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1062
	NumericCode <*NmrcCd*>	[0..1]	Text		1063
	Decimal <*Dcml*>	[0..1]	Quantity		1063
	Name <*Nm*>	[0..1]	Text		1063
	OriginalAmount <*OrgnlAmt*>	[1..1]			1063
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1063
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1063
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1064
	CommissionDetails <*ComssnDtls*>	[0..*]			1064
	Amount <*Amt*>	[1..1]	Amount		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1064
	Rate <*Rate*>	[1..1]	Rate		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1065
	Instalment <*Instlmt*>	[0..*]	±		1065
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1066
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1067
	SaleItem <*SaleItm*>	[0..*]	±		1067
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1068
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1068
	AdditionalInformation <*AddtlInf*>	[0..*]			1068
	Identification <*Id*>	[1..1]	Text		1069

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Value <*Val*>	[0..1]	Binary		1069
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1069
	Type <*Tp*>	[0..1]	Text		1069
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1069
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		1070
	TransactionResponse <*TxRspn*>	[1..1]			1070
	AuthorisationResult <*AuthstnRslt*>	[1..1]			1073
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1073
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1073
	Response <*Rspn*>	[1..1]	CodeSet		1074
	ResponseReason <*RspnRsn*>	[0..1]	Text		1074
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1074
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1074
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1074
	TMSTrigger <*TMSTrggr*>	[0..1]			1075
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1075
	TMSIdentification <*TMSId*>	[0..1]	Text		1075
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1075
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1075
	Method <*Mtd*>	[1..1]	CodeSet		1076
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1077
	Result <*Rslt*>	[0..1]	CodeSet		1077
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1077
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1079

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1079
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1079
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1079
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1079
	Balance <*Bal*>	[0..1]	±		1081
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		1081
	Action <*Actn*>	[0..*]			1082
	ActionType <*ActnTp*>	[1..1]	CodeSet		1082
	MessageToPresent <*MsgToPres*>	[0..1]	±		1083
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			1083
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1084
	TargetCurrency <*TrgtCcy*>	[1..1]			1085
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1085
	NumericCode <*NmrcCd*>	[1..1]	Text		1085
	Decimal <*Dcml*>	[1..1]	Quantity		1085
	Name <*Nm*>	[0..1]	Text		1085
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1086
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1086
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1086
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1086
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1086
	SourceCurrency <*SrcCcy*>	[1..1]			1086
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1086
	NumericCode <*NmrcCd*>	[0..1]	Text		1087
	Decimal <*Dcml*>	[0..1]	Quantity		1087
	Name <*Nm*>	[0..1]	Text		1087
	OriginalAmount <*OrgnlAmt*>	[1..1]			1087
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1087
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1087
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1088
	CommissionDetails <*ComssnDtls*>	[0..*]			1088

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1088
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1088
	Rate <*Rate*>	[1..1]	Rate		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1089
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1089

12.4.2.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		386
	Environment <*Envt*>	[1..1]	±		386

12.4.2.2.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1394

12.4.2.2.6.5.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

12.4.2.2.6.6 TokenResponse <TknRspn>

Presence: [1..1]

Definition: Response to a token computation.

TokenResponse <TknRspn> contains the following **TokenRequestComponent2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		392
	Environment <*Envt*>	[1..1]	±		392

12.4.2.2.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 1394

12.4.2.2.6.6.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

13 DRAFT1caaa.012.001.10 AcceptorBatchTransferResponseV10

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 AcceptorBatchTransferResponseV10 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]			403
	DownloadTransfer <*DwnldTrf*>	[1..1]	Indicator		403
	FormatVersion <*FrmtVrsn*>	[1..1]	Text		403
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		403
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		403
	InitiatingParty <*InitgPty*>	[1..1]	±		404
	RecipientParty <*RcptPty*>	[0..1]	±		404
	BatchTransferResponse <*BtchTrfRspn*>	[1..1]			405
	TransactionTotals <*TxTtls*>	[0..*]			408
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		408
	CardBrand <*CardBrnd*>	[0..1]	Text		408
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		409
	Currency <*Ccy*>	[0..1]	CodeSet	C1	409
	Type <*Tp*>	[1..1]	CodeSet		409
	TotalNumber <*TtlNb*>	[1..1]	Quantity		409
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		410
	DataSet <*DataSet*>	[0..*]			410
	DataSetIdentification <*DataSetId*>	[1..1]			413
	Name <*Nm*>	[1..1]	Text		413
	Type <*Tp*>	[1..1]	CodeSet		413
	Version <*Vrsn*>	[0..1]	Text		414
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		414
	DataSetResult <*DataSetRslt*>	[1..1]			414
	Response <*Rspn*>	[1..1]	CodeSet		414
	ResponseReason <*RspnRsn*>	[0..1]	Text		414
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		415
	RemoveDataSet <*RmvDataSet*>	[1..1]	Indicator		415
	DataSetInitiator <*DataSetInitr*>	[0..1]	±		415
	TransactionTotals <*TxTtls*>	[1..*]			415

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		416
	CardBrand <*CardBrnd*>	[0..1]	Text		416
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		416
	Currency <*Ccy*>	[0..1]	CodeSet	C1	416
	Type <*Tp*>	[1..1]	CodeSet		416
	TotalNumber <*TtlNb*>	[1..1]	Quantity		417
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		417
	RejectedTransaction <*RjctdTx*>	[0..*]			417
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		418
	TransactionResponse <*TxRspn*>	[1..1]			418
	Response <*Rspn*>	[1..1]	CodeSet		418
	ResponseReason <*RspnRsn*>	[0..1]	Text		419
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		419
	Environment <*Envt*>	[1..1]	±		419
	Transaction <*Tx*>	[1..1]			425
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		425
	TransactionIdentification <*TxId*>	[1..1]	±		425
	Response <*Rspn*>	[1..1]	CodeSet		425
	SuspendedTransaction <*SspdTx*>	[0..*]			426
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		426
	TransactionResponse <*TxRspn*>	[1..1]			426
	Response <*Rspn*>	[1..1]	CodeSet		427
	ResponseReason <*RspnRsn*>	[0..1]	Text		427
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		427
	Environment <*Envt*>	[1..1]	±		427
	Transaction <*Tx*>	[1..1]			433
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		433
	TransactionIdentification <*TxId*>	[1..1]	±		433
	Response <*Rspn*>	[1..1]	CodeSet		433
	ResumedApproval <*RsmdApprvl*>	[0..*]			434
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		434

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionResponse <*TxRspn*>	[1..1]			434
	Response <*Rspn*>	[1..1]	CodeSet		435
	ResponseReason <*RspnRsn*>	[0..1]	Text		435
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		435
	Environment <*Envt*>	[1..1]	±		435
	Transaction <*Tx*>	[1..1]			441
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		441
	TransactionIdentification <*TxId*>	[1..1]	±		441
	Response <*Rspn*>	[1..1]	CodeSet		441
	ResumedRejection <*RsmdRjctn*>	[0..*]			442
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		442
	TransactionResponse <*TxRspn*>	[1..1]			442
	Response <*Rspn*>	[1..1]	CodeSet		443
	ResponseReason <*RspnRsn*>	[0..1]	Text		443
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		443
	Environment <*Envt*>	[1..1]	±		443
	Transaction <*Tx*>	[1..1]			449
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		449
	TransactionIdentification <*TxId*>	[1..1]	±		449
	Response <*Rspn*>	[1..1]	CodeSet		449
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		450

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		403
	FormatVersion <*FrmtVrsn*>	[1..1]	Text		403
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		403
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		403
	InitiatingParty <*InitgPty*>	[1..1]	±		404
	RecipientParty <*RcptPty*>	[0..1]	±		404

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 1387):

- *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 1393

13.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

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 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

13.4.2 BatchTransferResponse <BtchTrfRspn>

Presence: [1..1]

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

BatchTransferResponse <BtchTrfRspn> contains the following **CardPaymentBatchTransferResponse9** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionTotals <*TxTtls*>	[0..*]			408
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		408
	CardBrand <*CardBrnd*>	[0..1]	Text		408
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		409
	Currency <*Ccy*>	[0..1]	CodeSet	C1	409
	Type <*Tp*>	[1..1]	CodeSet		409
	TotalNumber <*TtlNb*>	[1..1]	Quantity		409
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		410
	DataSet <*DataSet*>	[0..*]			410
	DataSetIdentification <*DataSetId*>	[1..1]			413
	Name <*Nm*>	[1..1]	Text		413
	Type <*Tp*>	[1..1]	CodeSet		413
	Version <*Vrsn*>	[0..1]	Text		414
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		414
	DataSetResult <*DataSetRslt*>	[1..1]			414
	Response <*Rspn*>	[1..1]	CodeSet		414
	ResponseReason <*RspnRsn*>	[0..1]	Text		414
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		415
	RemoveDataSet <*RmvDataSet*>	[1..1]	Indicator		415
	DataSetInitiator <*DataSetInitr*>	[0..1]	±		415
	TransactionTotals <*TxTtls*>	[1..*]			415
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		416
	CardBrand <*CardBrnd*>	[0..1]	Text		416
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		416
	Currency <*Ccy*>	[0..1]	CodeSet	C1	416
	Type <*Tp*>	[1..1]	CodeSet		416
	TotalNumber <*TtlNb*>	[1..1]	Quantity		417
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		417
	RejectedTransaction <*RjctdTx*>	[0..*]			417
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		418

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionResponse <*TxRspn*>	[1..1]			418
	Response <*Rspn*>	[1..1]	CodeSet		418
	ResponseReason <*RspnRsn*>	[0..1]	Text		419
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		419
	Environment <*Envt*>	[1..1]	±		419
	Transaction <*Tx*>	[1..1]			425
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		425
	TransactionIdentification <*TxId*>	[1..1]	±		425
	Response <*Rspn*>	[1..1]	CodeSet		425
	SuspendedTransaction <*SspdTx*>	[0..*]			426
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		426
	TransactionResponse <*TxRspn*>	[1..1]			426
	Response <*Rspn*>	[1..1]	CodeSet		427
	ResponseReason <*RspnRsn*>	[0..1]	Text		427
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		427
	Environment <*Envt*>	[1..1]	±		427
	Transaction <*Tx*>	[1..1]			433
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		433
	TransactionIdentification <*TxId*>	[1..1]	±		433
	Response <*Rspn*>	[1..1]	CodeSet		433
	ResumedApproval <*RsmdApprvl*>	[0..*]			434
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		434
	TransactionResponse <*TxRspn*>	[1..1]			434
	Response <*Rspn*>	[1..1]	CodeSet		435
	ResponseReason <*RspnRsn*>	[0..1]	Text		435
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		435
	Environment <*Envt*>	[1..1]	±		435
	Transaction <*Tx*>	[1..1]			441
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		441
	TransactionIdentification <*TxId*>	[1..1]	±		441
	Response <*Rspn*>	[1..1]	CodeSet		441

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ResumedRejection <*RsmdRjctn*>	[0..*]			442
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		442
	TransactionResponse <*TxRspn*>	[1..1]			442
	Response <*Rspn*>	[1..1]	CodeSet		443
	ResponseReason <*RspnRsn*>	[0..1]	Text		443
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		443
	Environment <*Envt*>	[1..1]	±		443
	Transaction <*Tx*>	[1..1]			449
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		449
	TransactionIdentification <*TxId*>	[1..1]	±		449
	Response <*Rspn*>	[1..1]	CodeSet		449

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		408
	CardBrand <*CardBrnd*>	[0..1]	Text		408
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		409
	Currency <*Ccy*>	[0..1]	CodeSet	C1	409
	Type <*Tp*>	[1..1]	CodeSet		409
	TotalNumber <*TtlNb*>	[1..1]	Quantity		409
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		410

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 1392

13.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1392

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 1392

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 1335

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 1382

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 1388

13.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

13.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet31** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <*DataSetId*>	[1..1]			413
	Name <*Nm*>	[1..1]	Text		413
	Type <*Tp*>	[1..1]	CodeSet		413
	Version <*Vrsn*>	[0..1]	Text		414
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		414
	DataSetResult <*DataSetRslt*>	[1..1]			414
	Response <*Rspn*>	[1..1]	CodeSet		414
	ResponseReason <*RspnRsn*>	[0..1]	Text		414
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		415
	RemoveDataSet <*RmvDataSet*>	[1..1]	Indicator		415
	DataSetInitiator <*DataSetInitr*>	[0..1]	±		415
	TransactionTotals <*TxTtls*>	[1..*]			415
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		416
	CardBrand <*CardBrnd*>	[0..1]	Text		416
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		416
	Currency <*Ccy*>	[0..1]	CodeSet	C1	416
	Type <*Tp*>	[1..1]	CodeSet		416
	TotalNumber <*TtlNb*>	[1..1]	Quantity		417
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		417
	RejectedTransaction <*RjctdTx*>	[0..*]			417
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		418
	TransactionResponse <*TxRspn*>	[1..1]			418
	Response <*Rspn*>	[1..1]	CodeSet		418
	ResponseReason <*RspnRsn*>	[0..1]	Text		419
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		419
	Environment <*Envt*>	[1..1]	±		419
	Transaction <*Tx*>	[1..1]			425
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		425
	TransactionIdentification <*TxId*>	[1..1]	±		425
	Response <*Rspn*>	[1..1]	CodeSet		425
	SuspendedTransaction <*SspdTx*>	[0..*]			426

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		426
	TransactionResponse <*TxRspn*>	[1..1]			426
	Response <*Rspn*>	[1..1]	CodeSet		427
	ResponseReason <*RspnRsn*>	[0..1]	Text		427
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		427
	Environment <*Envt*>	[1..1]	±		427
	Transaction <*Tx*>	[1..1]			433
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		433
	TransactionIdentification <*TxId*>	[1..1]	±		433
	Response <*Rspn*>	[1..1]	CodeSet		433
	ResumedApproval <*RsmdApprvl*>	[0..*]			434
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		434
	TransactionResponse <*TxRspn*>	[1..1]			434
	Response <*Rspn*>	[1..1]	CodeSet		435
	ResponseReason <*RspnRsn*>	[0..1]	Text		435
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		435
	Environment <*Envt*>	[1..1]	±		435
	Transaction <*Tx*>	[1..1]			441
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		441
	TransactionIdentification <*TxId*>	[1..1]	±		441
	Response <*Rspn*>	[1..1]	CodeSet		441
	ResumedRejection <*RsmdRjctn*>	[0..*]			442
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		442
	TransactionResponse <*TxRspn*>	[1..1]			442
	Response <*Rspn*>	[1..1]	CodeSet		443
	ResponseReason <*RspnRsn*>	[0..1]	Text		443
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		443
	Environment <*Envt*>	[1..1]	±		443
	Transaction <*Tx*>	[1..1]			449
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		449
	TransactionIdentification <*TxId*>	[1..1]	±		449

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	CodeSet		449

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		413
	Type <*Tp*>	[1..1]	CodeSet		413
	Version <*Vrsn*>	[0..1]	Text		414
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		414

13.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 1391

13.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1356

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 1391

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 1385

13.4.2.2.2 DataSetResult <DataSetRslt>

Presence: [1..1]

Definition: Result of the data set capture.

DataSetResult <DataSetRslt> contains the following **ResponseType10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	CodeSet		414
	ResponseReason <*RspnRsn*>	[0..1]	Text		414
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		415

13.4.2.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

13.4.2.2.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

13.4.2.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

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 1387):

- *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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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		416
	CardBrand <*CardBrnd*>	[0..1]	Text		416
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		416
	Currency <*Ccy*>	[0..1]	CodeSet	C1	416
	Type <*Tp*>	[1..1]	CodeSet		416
	TotalNumber <*TtlNb*>	[1..1]	Quantity		417
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		417

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 1392

13.4.2.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1392

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 1392

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 1335

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 1382

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 1388

13.4.2.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

13.4.2.2.6 RejectedTransaction <RjctdTx>

Presence: [0..*]

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

RejectedTransaction <RjctdTx> contains the following **CardPaymentDataSet30** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		418
	TransactionResponse <*TxRspn*>	[1..1]			418
	Response <*Rspn*>	[1..1]	CodeSet		418
	ResponseReason <*RspnRsn*>	[0..1]	Text		419
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		419
	Environment <*Envt*>	[1..1]	±		419
	Transaction <*Tx*>	[1..1]			425
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		425
	TransactionIdentification <*TxId*>	[1..1]	±		425
	Response <*Rspn*>	[1..1]	CodeSet		425

13.4.2.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

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		418
	ResponseReason <*RspnRsn*>	[0..1]	Text		419
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		419

13.4.2.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

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

CodeName	Name	Definition
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

13.4.2.2.6.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

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 1390

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 "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		425
	TransactionIdentification <*TxId*>	[1..1]	±		425
	Response <*Rspn*>	[1..1]	CodeSet		425

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

13.4.2.2.6.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1375

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfuly provided.
PART	PartialApproved	Service has been partialy provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

13.4.2.2.7 SuspendedTransaction <SspdTx>

Presence: [0..*]

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

SuspendedTransaction <SspdTx> contains the following **CardPaymentDataSet30** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		426
	TransactionResponse <*TxRspn*>	[1..1]			426
	Response <*Rspn*>	[1..1]	CodeSet		427
	ResponseReason <*RspnRsn*>	[0..1]	Text		427
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		427
	Environment <*Envt*>	[1..1]	±		427
	Transaction <*Tx*>	[1..1]			433
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		433
	TransactionIdentification <*TxId*>	[1..1]	±		433
	Response <*Rspn*>	[1..1]	CodeSet		433

13.4.2.2.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

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

13.4.2.2.7.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

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

13.4.2.2.7.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

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 1390

13.4.2.2.7.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		433
	TransactionIdentification <*TxId*>	[1..1]	±		433
	Response <*Rspn*>	[1..1]	CodeSet		433

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

13.4.2.2.7.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1375

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfuly provided.
PART	PartialApproved	Service has been partialy 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 **CardPaymentDataSet30** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		434
	TransactionResponse <*TxRspn*>	[1..1]			434
	Response <*Rspn*>	[1..1]	CodeSet		435
	ResponseReason <*RspnRsn*>	[0..1]	Text		435
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		435
	Environment <*Envt*>	[1..1]	±		435
	Transaction <*Tx*>	[1..1]			441
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		441
	TransactionIdentification <*TxId*>	[1..1]	±		441
	Response <*Rspn*>	[1..1]	CodeSet		441

13.4.2.2.8.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

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		435
	ResponseReason <*RspnRsn*>	[0..1]	Text		435
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		435

13.4.2.2.8.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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 1392

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 1390

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 "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		441
	TransactionIdentification <*TxId*>	[1..1]	±		441
	Response <*Rspn*>	[1..1]	CodeSet		441

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

13.4.2.2.8.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1375

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfuly provided.
PART	PartialApproved	Service has been partialy 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 **CardPaymentDataSet30** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		442
	TransactionResponse <*TxRspn*>	[1..1]			442
	Response <*Rspn*>	[1..1]	CodeSet		443
	ResponseReason <*RspnRsn*>	[0..1]	Text		443
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		443
	Environment <*Envt*>	[1..1]	±		443
	Transaction <*Tx*>	[1..1]			449
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		449
	TransactionIdentification <*TxId*>	[1..1]	±		449
	Response <*Rspn*>	[1..1]	CodeSet		449

13.4.2.2.9.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

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		443
	ResponseReason <*RspnRsn*>	[0..1]	Text		443
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		443

13.4.2.2.9.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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 1392

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 1390

13.4.2.2.9.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

13.4.2.2.9.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 1375

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfuly provided.
PART	PartialApproved	Service has been partialy 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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

14 DRAFT1caaa.013.001.10 AcceptorDiagnosticRequestV10

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 AcceptorDiagnosticRequestV10 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]			452
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		452
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		454
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		454
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		454
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		454
	InitiatingParty <*InitgPty*>	[1..1]	±		454
	RecipientParty <*RcptPty*>	[0..1]	±		455
	Traceability <*Tracblt*>	[0..*]	±		455
	DiagnosticRequest <*DgnstcReq*>	[1..1]			456
	Environment <*Envt*>	[1..1]	±		456
	AcquirerAvailabilityRequested <*AcqrrAvlbtyReqd*>	[0..1]	Indicator		462
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		462

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		452
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		454
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		454
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		454
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		454
	InitiatingParty <*InitgPty*>	[1..1]	±		454
	RecipientParty <*RcptPty*>	[0..1]	±		455
	Traceability <*Tracblt*>	[0..*]	±		455

14.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

14.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

14.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

14.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

14.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 <TracbIt> contains the following elements (see "Traceability8" on page 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

14.4.2 DiagnosticRequest <DgnstcReq>

Presence: [1..1]

Definition: Information related to the diagnostic request.

DiagnosticRequest <DgnstcReq> contains the following **AcceptorDiagnosticRequest10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		456
	AcquirerAvailabilityRequested <*AcqrrAvlbtyReqd*>	[0..1]	Indicator		462

14.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 1387):

- *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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

15 DRAFT1caaa.014.001.09 AcceptorDiagnosticResponseV09

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 AcceptorDiagnosticResponseV09 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]			465
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		465
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		467
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		467
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		467
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		467
	InitiatingParty <*InitgPty*>	[1..1]	±		467
	RecipientParty <*RcptPty*>	[0..1]	±		467
	Traceability <*Tracblt*>	[0..*]	±		468
	DiagnosticResponse <*DgnstcRspn*>	[1..1]			468
	Environment <*Envt*>	[1..1]	±		469
	TMSTrigger <*TMSTrggr*>	[0..1]			475
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		475
	TMSIdentification <*TMSId*>	[0..1]	Text		475
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		476
	AcquirerAvailable <*AcqrrAvlbl*>	[0..1]	Indicator		476
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		476

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		465
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		467
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		467
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		467
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		467
	InitiatingParty <*InitgPty*>	[1..1]	±		467
	RecipientParty <*RcptPty*>	[0..1]	±		467
	Traceability <*Tracblt*>	[0..*]	±		468

15.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

15.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

15.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

15.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

15.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

15.4.2 DiagnosticResponse <DgnstcRspn>

Presence: [1..1]

Definition: Information related to the diagnostic response.

DiagnosticResponse <DgnstcRspn> contains the following **AcceptorDiagnosticResponse8** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		469
	TMSTrigger <*TMSTrggr*>	[0..1]			475
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		475
	TMSIdentification <*TMSId*>	[0..1]	Text		475
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		476
	AcquirerAvailable <*AcqrrAvlbl*>	[0..1]	Indicator		476

15.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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		475
	TMSIdentification <*TMSId*>	[0..1]	Text		475
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		476

15.4.2.2.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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 1392

15.4.2.2.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

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 1387):

- *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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

16 DRAFT1caaa.016.001.09 AcceptorCurrencyConversionRequestV09

16.1 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 AcceptorCurrencyConversionRequestV09 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.

16.2 Structure

Or	MessageElement/BuildingBlock*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsReq>	[1..1]			
	Header <*Hdr*>	[1..1]			478
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		478
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		480
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		480
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		480
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		480
	InitiatingParty <*InitgPty*>	[1..1]	±		480
	RecipientParty <*RcptPty*>	[0..1]	±		481
	Traceability <*Tracblt*>	[0..*]	±		481
	CurrencyConversionRequest <*CcyConvsReq*>	[1..1]			482
	Environment <*Envt*>	[1..1]	±		482
	Transaction <*Tx*>	[1..1]	±		488
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		492

16.3 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.

16.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

16.4.1 Header <Hdr>

Presence: [1..1]

Definition: Currency Conversion request message management information.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		478
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		480
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		480
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		480
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		480
	InitiatingParty <*InitgPty*>	[1..1]	±		480
	RecipientParty <*RcptPty*>	[0..1]	±		481
	Traceability <*Tracblt*>	[0..*]	±		481

16.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

16.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

16.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

16.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

16.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

16.4.1.6 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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

16.4.1.7 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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

16.4.1.8 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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

16.4.2 CurrencyConversionRequest <CcyConvsReq>

Presence: [1..1]

Definition: Information related to the currency conversion request.

CurrencyConversionRequest <CcyConvsReq> contains the following **AcceptorCurrencyConversionRequest9** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		482
	Transaction <*Tx*>	[1..1]	±		488

16.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

16.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction for which the currency conversion is requested.

Transaction <Tx> contains the following elements (see "CardPaymentTransaction120" on page 977 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		981
	TransactionType <*TxTp*>	[1..1]	CodeSet		982
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		982
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		983
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		983
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		984
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		984
	TransactionIdentification <*TxId*>	[1..1]	±		984
	OriginalTransaction <*OrgnlTx*>	[0..1]			984
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		986
	TransactionIdentification <*TxId*>	[1..1]	±		986
	POIIdentification <*POIId*>	[1..1]	±		986
	CurrencyConversion <*CcyConvs*>	[0..1]			986
	Result <*Rslt*>	[1..1]	CodeSet		988
	ResultReason <*RsltRsn*>	[0..1]	Text		988
	ConversionDetails <*ConvsDtls*>	[0..*]			988
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		989
	TargetCurrency <*TrgtCcy*>	[1..1]			990
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	990
	NumericCode <*NmrcCd*>	[1..1]	Text		990
	Decimal <*Dcml*>	[1..1]	Quantity		990
	Name <*Nm*>	[0..1]	Text		990
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		990
	ExchangeRate <*XchgRate*>	[1..1]	Rate		991
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		991
	QuotationDate <*QtnDt*>	[0..1]	DateTime		991
	ValidUntil <*VldUntil*>	[0..1]	DateTime		991
	SourceCurrency <*SrcCcy*>	[1..1]			991
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	991
	NumericCode <*NmrcCd*>	[0..1]	Text		992

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Decimal <*Dcml*>	[0..1]	Quantity		992
	Name <*Nm*>	[0..1]	Text		992
	OriginalAmount <*OrgnlAmt*>	[1..1]			992
	ActualAmount <*ActlAmt*>	[0..1]	Amount		992
	MinimumAmount <*MinAmt*>	[0..1]	Amount		992
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		993
	CommissionDetails <*ComssnDtls*>	[0..*]			993
	Amount <*Amt*>	[1..1]	Amount		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	MarkUpDetails <*MrkUpDtls*>	[0..*]			993
	Rate <*Rate*>	[1..1]	Rate		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		994
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		994
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		994
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		994
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		995
	TransactionDetails <*TxDtls*>	[1..1]			995
	Currency <*Ccy*>	[0..1]	CodeSet	C1	997
	TotalAmount <*TtlAmt*>	[1..1]	Amount		998
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		998
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		998
	DetailedAmount <*DtldAmt*>	[0..1]	±		998
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		999
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		999
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		999
	ValidityDate <*VldtyDt*>	[0..1]	Date		999
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		999
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1000
	AccountType <*AcctTp*>	[0..1]	CodeSet		1000
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1001

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1003
	Conversion <*Convs*>	[0..1]			1003
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1004
	TargetCurrency <*TrgtCcy*>	[1..1]			1005
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1005
	NumericCode <*NmrcCd*>	[1..1]	Text		1005
	Decimal <*Dcml*>	[1..1]	Quantity		1005
	Name <*Nm*>	[0..1]	Text		1005
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1005
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1006
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1006
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1006
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1006
	SourceCurrency <*SrcCcy*>	[1..1]			1006
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1006
	NumericCode <*NmrcCd*>	[0..1]	Text		1007
	Decimal <*Dcml*>	[0..1]	Quantity		1007
	Name <*Nm*>	[0..1]	Text		1007
	OriginalAmount <*OrgnlAmt*>	[1..1]			1007
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1007
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1007
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1008
	CommissionDetails <*ComssnDtls*>	[0..*]			1008
	Amount <*Amt*>	[1..1]	Amount		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1008
	Rate <*Rate*>	[1..1]	Rate		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1009
	Instalment <*Instlmt*>	[0..*]	±		1009
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1010

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1011
	SaleItem <*SaleItm*>	[0..*]	±		1011
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1012
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1012
	AdditionalInformation <*AddtlInf*>	[0..*]			1012
	Identification <*Id*>	[1..1]	Text		1013
	Value <*Val*>	[0..1]	Binary		1013
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1013
	Type <*Tp*>	[0..1]	Text		1013
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1013
	AuthorisationResult <*AuthstnRslt*>	[0..1]			1014
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1014
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1014
	Response <*Rspn*>	[1..1]	CodeSet		1015
	ResponseReason <*RspnRsn*>	[0..1]	Text		1015
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1015
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1015
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		1015
	CustomerOrder <*CstmrOrdr*>	[0..1]	±		1015
	CustomerToken <*CstmrTkn*>	[0..1]	±		1016
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		1017
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		1017
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		1017
	SaleToPOIData <*SaleToPOIData*>	[0..1]	Text		1017
	SaleToAcquirerData <*SaleToAcqrrData*>	[0..1]	Text		1017
	SaleToIssuerData <*SaleToIssrData*>	[0..1]	Text		1017
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		1017

16.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

17 DRAFT1caaa.017.001.09 AcceptorCurrencyConversionResponseV09

17.1 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 AcceptorCurrencyConversionResponseV09 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).

17.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <*Document*> <*AccptrCcyConvsRspn*>	[1..1]			
	Header <*Hdr*>	[1..1]			499
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		499
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		500
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		501
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		501
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		501
	InitiatingParty <*InitgPty*>	[1..1]	±		501
	RecipientParty <*RcptPty*>	[0..1]	±		501
	Traceability <*Tracblt*>	[0..*]	±		502
	CurrencyConversionResponse <*CcyConvsRspn*>	[1..1]			502
	Environment <*Envt*>	[1..1]	±		506
	Transaction <*Tx*>	[1..1]			512
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		515
	TransactionIdentification <*TxId*>	[1..1]	±		515
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		515
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		515
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		515
	InterchangeData <*IntrchngData*>	[0..1]	Text		515
	TransactionDetails <*TxDtls*>	[1..1]			515
	Currency <*Ccy*>	[0..1]	CodeSet	C1	517
	TotalAmount <*TtlAmt*>	[1..1]	Amount		518
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		518
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		518
	DetailedAmount <*DtldAmt*>	[0..1]	±		518
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		519
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		519
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		519
	ValidityDate <*VldtyDt*>	[0..1]	Date		519
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		519

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		520
	AccountType <*AcctTp*>	[0..1]	CodeSet		520
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			521
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		523
	Conversion <*Convs*>	[0..1]			523
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		524
	TargetCurrency <*TrgtCcy*>	[1..1]			525
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	525
	NumericCode <*NmrcCd*>	[1..1]	Text		525
	Decimal <*Dcml*>	[1..1]	Quantity		525
	Name <*Nm*>	[0..1]	Text		525
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		525
	ExchangeRate <*XchgRate*>	[1..1]	Rate		526
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		526
	QuotationDate <*QtnDt*>	[0..1]	DateTime		526
	ValidUntil <*VldUntil*>	[0..1]	DateTime		526
	SourceCurrency <*SrcCcy*>	[1..1]			526
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	526
	NumericCode <*NmrcCd*>	[0..1]	Text		527
	Decimal <*Dcml*>	[0..1]	Quantity		527
	Name <*Nm*>	[0..1]	Text		527
	OriginalAmount <*OrgnlAmt*>	[1..1]			527
	ActualAmount <*ActlAmt*>	[0..1]	Amount		527
	MinimumAmount <*MinAmt*>	[0..1]	Amount		527
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		528
	CommissionDetails <*ComssnDtls*>	[0..*]			528
	Amount <*Amt*>	[1..1]	Amount		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	MarkUpDetails <*MrkUpDtls*>	[0..*]			528
	Rate <*Rate*>	[1..1]	Rate		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		529
	Instalment <*Instlmt*>	[0..*]	±		529
	AggregationTransaction <*AggtnTx*>	[0..1]	±		530
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		531
	SaleItem <*SaleItm*>	[0..*]	±		531
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		532
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		532
	AdditionalInformation <*AddtlInf*>	[0..*]			532
	Identification <*Id*>	[1..1]	Text		533
	Value <*Val*>	[0..1]	Binary		533
	ProtectedValue <*PrtctdVal*>	[0..1]	±		533
	Type <*Tp*>	[0..1]	Text		533
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		533
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		534
	CurrencyConversionResult <*CcyConvsRslt*>	[1..1]			534
	Result <*Rslt*>	[1..1]	CodeSet		536
	ResultReason <*RsltRsn*>	[0..1]	Text		536
	ConversionDetails <*ConvsDtls*>	[0..*]			536
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		537
	TargetCurrency <*TrgtCcy*>	[1..1]			538
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	538
	NumericCode <*NmrcCd*>	[1..1]	Text		538
	Decimal <*Dcml*>	[1..1]	Quantity		538
	Name <*Nm*>	[0..1]	Text		538
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		538
	ExchangeRate <*XchgRate*>	[1..1]	Rate		539
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		539
	QuotationDate <*QtnDt*>	[0..1]	DateTime		539
	ValidUntil <*VldUntil*>	[0..1]	DateTime		539
	SourceCurrency <*SrcCcy*>	[1..1]			539
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	539

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	NumericCode <*NmrcCd*>	[0..1]	Text		540
	Decimal <*Dcml*>	[0..1]	Quantity		540
	Name <*Nm*>	[0..1]	Text		540
	OriginalAmount <*OrgnlAmt*>	[1..1]			540
	ActualAmount <*ActlAmt*>	[0..1]	Amount		540
	MinimumAmount <*MinAmt*>	[0..1]	Amount		540
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		541
	CommissionDetails <*ComssnDtls*>	[0..*]			541
	Amount <*Amt*>	[1..1]	Amount		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	MarkUpDetails <*MrkUpDtls*>	[0..*]			541
	Rate <*Rate*>	[1..1]	Rate		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		542
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		542

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 response message management information.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		499
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		500
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		501
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		501
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		501
	InitiatingParty <*InitgPty*>	[1..1]	±		501
	RecipientParty <*RcptPty*>	[0..1]	±		501
	Traceability <*Tracblt*>	[0..*]	±		502

17.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.

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

17.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

17.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

17.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

17.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

17.4.2 CurrencyConversionResponse <CcyConvsRspn>

Presence: [1..1]

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

CurrencyConversionResponse <CcyConvsRspn> contains the following **AcceptorCurrencyConversionResponse9** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		506
	Transaction <*Tx*>	[1..1]			512
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		515
	TransactionIdentification <*TxId*>	[1..1]	±		515
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		515
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		515
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		515
	InterchangeData <*IntrchngData*>	[0..1]	Text		515
	TransactionDetails <*TxDtls*>	[1..1]			515
	Currency <*Ccy*>	[0..1]	CodeSet	C1	517
	TotalAmount <*TtlAmt*>	[1..1]	Amount		518
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		518
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		518
	DetailedAmount <*DtldAmt*>	[0..1]	±		518
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		519
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		519
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		519
	ValidityDate <*VldtyDt*>	[0..1]	Date		519
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		519
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		520
	AccountType <*AcctTp*>	[0..1]	CodeSet		520
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			521
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		523
	Conversion <*Convs*>	[0..1]			523
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		524
	TargetCurrency <*TrgtCcy*>	[1..1]			525
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	525
	NumericCode <*NmrcCd*>	[1..1]	Text		525
	Decimal <*Dcml*>	[1..1]	Quantity		525
	Name <*Nm*>	[0..1]	Text		525

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		525
	ExchangeRate <*XchgRate*>	[1..1]	Rate		526
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		526
	QuotationDate <*QtnDt*>	[0..1]	DateTime		526
	ValidUntil <*VldUntil*>	[0..1]	DateTime		526
	SourceCurrency <*SrcCcy*>	[1..1]			526
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	526
	NumericCode <*NmrcCd*>	[0..1]	Text		527
	Decimal <*Dcml*>	[0..1]	Quantity		527
	Name <*Nm*>	[0..1]	Text		527
	OriginalAmount <*OrgnlAmt*>	[1..1]			527
	ActualAmount <*ActlAmt*>	[0..1]	Amount		527
	MinimumAmount <*MinAmt*>	[0..1]	Amount		527
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		528
	CommissionDetails <*ComssnDtls*>	[0..*]			528
	Amount <*Amt*>	[1..1]	Amount		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	MarkUpDetails <*MrkUpDtls*>	[0..*]			528
	Rate <*Rate*>	[1..1]	Rate		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		529
	Instalment <*Instlmt*>	[0..*]	±		529
	AggregationTransaction <*AggtnTx*>	[0..1]	±		530
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		531
	SaleItem <*SaleItm*>	[0..*]	±		531
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		532
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		532
	AdditionalInformation <*AddtlInf*>	[0..*]			532
	Identification <*Id*>	[1..1]	Text		533
	Value <*Val*>	[0..1]	Binary		533
	ProtectedValue <*PrtctdVal*>	[0..1]	±		533

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[0..1]	Text		533
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		533
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		534
	CurrencyConversionResult <*CcyConvsRslt*>	[1..1]			534
	Result <*Rslt*>	[1..1]	CodeSet		536
	ResultReason <*RsltRsn*>	[0..1]	Text		536
	ConversionDetails <*ConvsDtls*>	[0..*]			536
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		537
	TargetCurrency <*TrgtCcy*>	[1..1]			538
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	538
	NumericCode <*NmrcCd*>	[1..1]	Text		538
	Decimal <*Dcml*>	[1..1]	Quantity		538
	Name <*Nm*>	[0..1]	Text		538
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		538
	ExchangeRate <*XchgRate*>	[1..1]	Rate		539
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		539
	QuotationDate <*QtnDt*>	[0..1]	DateTime		539
	ValidUntil <*VldUntil*>	[0..1]	DateTime		539
	SourceCurrency <*SrcCcy*>	[1..1]			539
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	539
	NumericCode <*NmrcCd*>	[0..1]	Text		540
	Decimal <*Dcml*>	[0..1]	Quantity		540
	Name <*Nm*>	[0..1]	Text		540
	OriginalAmount <*OrgnlAmt*>	[1..1]			540
	ActualAmount <*ActlAmt*>	[0..1]	Amount		540
	MinimumAmount <*MinAmt*>	[0..1]	Amount		540
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		541
	CommissionDetails <*ComssnDtls*>	[0..*]			541
	Amount <*Amt*>	[1..1]	Amount		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	MarkUpDetails <*MrkUpDtls*>	[0..*]			541

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		542

17.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

17.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Currency conversion of a card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction121** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		515
	TransactionIdentification <*TxId*>	[1..1]	±		515
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		515
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		515
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		515
	InterchangeData <*IntrchngData*>	[0..1]	Text		515
	TransactionDetails <*TxDtls*>	[1..1]			515
	Currency <*Ccy*>	[0..1]	CodeSet	C1	517
	TotalAmount <*TtlAmt*>	[1..1]	Amount		518
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		518
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		518
	DetailedAmount <*DtldAmt*>	[0..1]	±		518
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		519
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		519
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		519
	ValidityDate <*VldtyDt*>	[0..1]	Date		519
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		519
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		520
	AccountType <*AcctTp*>	[0..1]	CodeSet		520
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			521
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		523
	Conversion <*Convs*>	[0..1]			523
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		524
	TargetCurrency <*TrgtCcy*>	[1..1]			525
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	525
	NumericCode <*NmrcCd*>	[1..1]	Text		525
	Decimal <*Dcml*>	[1..1]	Quantity		525
	Name <*Nm*>	[0..1]	Text		525
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		525
	ExchangeRate <*XchgRate*>	[1..1]	Rate		526
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		526

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	QuotationDate <*QtnDt*>	[0..1]	DateTime		526
	ValidUntil <*VldUntil*>	[0..1]	DateTime		526
	SourceCurrency <*SrcCcy*>	[1..1]			526
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	526
	NumericCode <*NmrcCd*>	[0..1]	Text		527
	Decimal <*Dcml*>	[0..1]	Quantity		527
	Name <*Nm*>	[0..1]	Text		527
	OriginalAmount <*OrgnlAmt*>	[1..1]			527
	ActualAmount <*ActlAmt*>	[0..1]	Amount		527
	MinimumAmount <*MinAmt*>	[0..1]	Amount		527
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		528
	CommissionDetails <*ComssnDtls*>	[0..*]			528
	Amount <*Amt*>	[1..1]	Amount		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	MarkUpDetails <*MrkUpDtls*>	[0..*]			528
	Rate <*Rate*>	[1..1]	Rate		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		529
	Instalment <*Instlmt*>	[0..*]	±		529
	AggregationTransaction <*AggtnTx*>	[0..1]	±		530
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		531
	SaleItem <*SaleItm*>	[0..*]	±		531
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		532
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		532
	AdditionalInformation <*AddtlInf*>	[0..*]			532
	Identification <*Id*>	[1..1]	Text		533
	Value <*Val*>	[0..1]	Binary		533
	ProtectedValue <*PrtctdVal*>	[0..1]	±		533
	Type <*Tp*>	[0..1]	Text		533
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		533
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		534

17.4.2.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

17.4.2.2.2 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

17.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

17.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1390

17.4.2.2.5 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 1392

17.4.2.2.6 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

17.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	517
	TotalAmount <*TtlAmt*>	[1..1]	Amount		518
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		518
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		518
	DetailedAmount <*DtldAmt*>	[0..1]	±		518
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		519
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		519
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		519
	ValidityDate <*VldtyDt*>	[0..1]	Date		519
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		519
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		520
	AccountType <*AcctTp*>	[0..1]	CodeSet		520
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			521
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		523
	Conversion <*Convs*>	[0..1]			523
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		524
	TargetCurrency <*TrgtCcy*>	[1..1]			525
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	525
	NumericCode <*NmrcCd*>	[1..1]	Text		525
	Decimal <*Dcml*>	[1..1]	Quantity		525
	Name <*Nm*>	[0..1]	Text		525
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		525
	ExchangeRate <*XchgRate*>	[1..1]	Rate		526
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		526
	QuotationDate <*QtnDt*>	[0..1]	DateTime		526
	ValidUntil <*VldUntil*>	[0..1]	DateTime		526
	SourceCurrency <*SrcCcy*>	[1..1]			526
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	526
	NumericCode <*NmrcCd*>	[0..1]	Text		527
	Decimal <*Dcml*>	[0..1]	Quantity		527
	Name <*Nm*>	[0..1]	Text		527

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			527
	ActualAmount <*ActlAmt*>	[0..1]	Amount		527
	MinimumAmount <*MinAmt*>	[0..1]	Amount		527
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		528
	CommissionDetails <*ComssnDtls*>	[0..*]			528
	Amount <*Amt*>	[1..1]	Amount		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	MarkUpDetails <*MrkUpDtls*>	[0..*]			528
	Rate <*Rate*>	[1..1]	Rate		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		529
	Instalment <*Instlmt*>	[0..*]	±		529
	AggregationTransaction <*AggtnTx*>	[0..1]	±		530
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		531
	SaleItem <*SaleItm*>	[0..*]	±		531
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		532
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		532
	AdditionalInformation <*AddtlInf*>	[0..*]			532
	Identification <*Id*>	[1..1]	Text		533
	Value <*Val*>	[0..1]	Binary		533
	ProtectedValue <*PrtctdVal*>	[0..1]	±		533
	Type <*Tp*>	[0..1]	Text		533
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		533

17.4.2.2.7.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

17.4.2.2.7.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

17.4.2.2.7.5 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

17.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

17.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

17.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

17.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

17.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		523
	Conversion <*Convs*>	[0..1]			523
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		524
	TargetCurrency <*TrgtCcy*>	[1..1]			525
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	525
	NumericCode <*NmrcCd*>	[1..1]	Text		525
	Decimal <*Dcml*>	[1..1]	Quantity		525
	Name <*Nm*>	[0..1]	Text		525
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		525
	ExchangeRate <*XchgRate*>	[1..1]	Rate		526
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		526
	QuotationDate <*QtnDt*>	[0..1]	DateTime		526
	ValidUntil <*VldUntil*>	[0..1]	DateTime		526
	SourceCurrency <*SrcCcy*>	[1..1]			526
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	526
	NumericCode <*NmrcCd*>	[0..1]	Text		527
	Decimal <*Dcml*>	[0..1]	Quantity		527
	Name <*Nm*>	[0..1]	Text		527
	OriginalAmount <*OrgnlAmt*>	[1..1]			527
	ActualAmount <*ActlAmt*>	[0..1]	Amount		527
	MinimumAmount <*MinAmt*>	[0..1]	Amount		527
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		528
	CommissionDetails <*ComssnDtls*>	[0..*]			528
	Amount <*Amt*>	[1..1]	Amount		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	MarkUpDetails <*MrkUpDtls*>	[0..*]			528
	Rate <*Rate*>	[1..1]	Rate		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		529

17.4.2.2.7.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

17.4.2.2.7.13.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		524
	TargetCurrency <*TrgtCcy*>	[1..1]			525
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	525
	NumericCode <*NmrcCd*>	[1..1]	Text		525
	Decimal <*Dcml*>	[1..1]	Quantity		525
	Name <*Nm*>	[0..1]	Text		525
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		525
	ExchangeRate <*XchgRate*>	[1..1]	Rate		526
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		526
	QuotationDate <*QtnDt*>	[0..1]	DateTime		526
	ValidUntil <*VldUntil*>	[0..1]	DateTime		526
	SourceCurrency <*SrcCcy*>	[1..1]			526
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	526
	NumericCode <*NmrcCd*>	[0..1]	Text		527
	Decimal <*Dcml*>	[0..1]	Quantity		527
	Name <*Nm*>	[0..1]	Text		527
	OriginalAmount <*OrgnlAmt*>	[1..1]			527
	ActualAmount <*ActlAmt*>	[0..1]	Amount		527
	MinimumAmount <*MinAmt*>	[0..1]	Amount		527
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		528
	CommissionDetails <*ComssnDtls*>	[0..*]			528
	Amount <*Amt*>	[1..1]	Amount		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	MarkUpDetails <*MrkUpDtls*>	[0..*]			528
	Rate <*Rate*>	[1..1]	Rate		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		529

17.4.2.2.7.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

17.4.2.2.7.13.2.2 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	525
	NumericCode <*NmrcCd*>	[1..1]	Text		525
	Decimal <*Dcml*>	[1..1]	Quantity		525
	Name <*Nm*>	[0..1]	Text		525

17.4.2.2.7.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

17.4.2.2.7.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

17.4.2.2.7.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

17.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

17.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.13.2.4 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 1388

17.4.2.2.7.13.2.5 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 1388

17.4.2.2.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

17.4.2.2.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

17.4.2.2.7.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	526
	NumericCode <*NmrcCd*>	[0..1]	Text		527
	Decimal <*Dcml*>	[0..1]	Quantity		527
	Name <*Nm*>	[0..1]	Text		527

17.4.2.2.7.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

17.4.2.2.7.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

17.4.2.2.7.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

17.4.2.2.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

17.4.2.2.7.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		527
	MinimumAmount <*MinAmt*>	[0..1]	Amount		527
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		528

17.4.2.2.7.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528

17.4.2.2.7.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.2.7.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

17.4.2.2.7.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		528
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		528

17.4.2.2.7.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

17.4.2.2.7.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

17.4.2.2.7.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

17.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

17.4.2.2.7.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

17.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

17.4.2.2.7.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

17.4.2.2.7.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

17.4.2.2.7.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

17.4.2.2.7.20 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		533
	Value <*Val*>	[0..1]	Binary		533
	ProtectedValue <*PrtctdVal*>	[0..1]	±		533
	Type <*Tp*>	[0..1]	Text		533

17.4.2.2.7.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

17.4.2.2.7.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

17.4.2.2.7.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

17.4.2.2.7.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

17.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

17.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1393

17.4.2.3 CurrencyConversionResult <CcyConvsRslt>

Presence: [1..1]

Definition: Details of the currency conversion.

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion25** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Result <*Rslt*>	[1..1]	CodeSet		536
	ResultReason <*RsltRsn*>	[0..1]	Text		536
	ConversionDetails <*ConvsDtls*>	[0..*]			536
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		537
	TargetCurrency <*TrgtCcy*>	[1..1]			538
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	538
	NumericCode <*NmrcCd*>	[1..1]	Text		538
	Decimal <*Dcml*>	[1..1]	Quantity		538
	Name <*Nm*>	[0..1]	Text		538
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		538
	ExchangeRate <*XchgRate*>	[1..1]	Rate		539
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		539
	QuotationDate <*QtnDt*>	[0..1]	DateTime		539
	ValidUntil <*VldUntil*>	[0..1]	DateTime		539
	SourceCurrency <*SrcCcy*>	[1..1]			539
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	539
	NumericCode <*NmrcCd*>	[0..1]	Text		540
	Decimal <*Dcml*>	[0..1]	Quantity		540
	Name <*Nm*>	[0..1]	Text		540
	OriginalAmount <*OrgnlAmt*>	[1..1]			540
	ActualAmount <*ActlAmt*>	[0..1]	Amount		540
	MinimumAmount <*MinAmt*>	[0..1]	Amount		540
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		541
	CommissionDetails <*ComssnDtls*>	[0..*]			541
	Amount <*Amt*>	[1..1]	Amount		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	MarkUpDetails <*MrkUpDtls*>	[0..*]			541
	Rate <*Rate*>	[1..1]	Rate		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		542

17.4.2.3.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1356

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.

17.4.2.3.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 1392

17.4.2.3.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvsDtls> contains the following **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		537
	TargetCurrency <*TrgtCcy*>	[1..1]			538
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	538
	NumericCode <*NmrcCd*>	[1..1]	Text		538
	Decimal <*Dcml*>	[1..1]	Quantity		538
	Name <*Nm*>	[0..1]	Text		538
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		538
	ExchangeRate <*XchgRate*>	[1..1]	Rate		539
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		539
	QuotationDate <*QtnDt*>	[0..1]	DateTime		539
	ValidUntil <*VldUntil*>	[0..1]	DateTime		539
	SourceCurrency <*SrcCcy*>	[1..1]			539
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	539
	NumericCode <*NmrcCd*>	[0..1]	Text		540
	Decimal <*Dcml*>	[0..1]	Quantity		540
	Name <*Nm*>	[0..1]	Text		540
	OriginalAmount <*OrgnlAmt*>	[1..1]			540
	ActualAmount <*ActlAmt*>	[0..1]	Amount		540
	MinimumAmount <*MinAmt*>	[0..1]	Amount		540
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		541
	CommissionDetails <*ComssnDtls*>	[0..*]			541
	Amount <*Amt*>	[1..1]	Amount		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	MarkUpDetails <*MrkUpDtls*>	[0..*]			541
	Rate <*Rate*>	[1..1]	Rate		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		542

17.4.2.3.3.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

17.4.2.3.3.2 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	538
	NumericCode <*NmrcCd*>	[1..1]	Text		538
	Decimal <*Dcml*>	[1..1]	Quantity		538
	Name <*Nm*>	[0..1]	Text		538

17.4.2.3.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

17.4.2.3.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

17.4.2.3.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

17.4.2.3.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

17.4.2.3.3.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.3.3.4 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 1388

17.4.2.3.3.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1388

17.4.2.3.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

17.4.2.3.3.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

17.4.2.3.3.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	539
	NumericCode <*NmrcCd*>	[0..1]	Text		540
	Decimal <*Dcml*>	[0..1]	Quantity		540
	Name <*Nm*>	[0..1]	Text		540

17.4.2.3.3.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

17.4.2.3.3.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

17.4.2.3.3.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

17.4.2.3.3.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

17.4.2.3.3.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		540
	MinimumAmount <*MinAmt*>	[0..1]	Amount		540
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		541

17.4.2.3.3.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.3.3.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.3.3.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.3.3.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541

17.4.2.3.3.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

17.4.2.3.3.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

17.4.2.3.3.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		541
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		541

17.4.2.3.3.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

17.4.2.3.3.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

17.4.2.3.3.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

17.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC (message authentication code).

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

18 DRAFT1caaa.018.001.06 AcceptorCurrencyConversionAdviceV06

18.1 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 AcceptorCurrencyConversionAdviceV06 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.

18.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <*Document*> <*AccptrCcyConvsAdvc*>	[1..1]			
	Header <*Hdr*>	[1..1]			548
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		548
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		549
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		550
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		550
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		550
	InitiatingParty <*InitgPty*>	[1..1]	±		550
	RecipientParty <*RcptPty*>	[0..1]	±		550
	Traceability <*Tracblt*>	[0..*]	±		551
	AcceptorCurrencyConversionAdvice <*AccptrCcyConvsAdvc*>	[1..1]			551
	Environment <*Envt*>	[1..1]	±		555
	Transaction <*Tx*>	[1..1]			561
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		564
	TransactionIdentification <*TxId*>	[1..1]	±		564
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		564
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		564
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		564
	InterchangeData <*IntrchngData*>	[0..1]	Text		564
	TransactionDetails <*TxDtls*>	[1..1]			564
	Currency <*Ccy*>	[0..1]	CodeSet	C1	566
	TotalAmount <*TtlAmt*>	[1..1]	Amount		567
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		567
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		567
	DetailedAmount <*DtldAmt*>	[0..1]	±		567
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		568
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		568
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		568
	ValidityDate <*VldtyDt*>	[0..1]	Date		568
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		568

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		569
	AccountType <*AcctTp*>	[0..1]	CodeSet		569
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			570
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		572
	Conversion <*Convs*>	[0..1]			572
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		573
	TargetCurrency <*TrgtCcy*>	[1..1]			574
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	574
	NumericCode <*NmrcCd*>	[1..1]	Text		574
	Decimal <*Dcml*>	[1..1]	Quantity		574
	Name <*Nm*>	[0..1]	Text		574
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		574
	ExchangeRate <*XchgRate*>	[1..1]	Rate		575
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		575
	QuotationDate <*QtnDt*>	[0..1]	DateTime		575
	ValidUntil <*VldUntil*>	[0..1]	DateTime		575
	SourceCurrency <*SrcCcy*>	[1..1]			575
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	575
	NumericCode <*NmrcCd*>	[0..1]	Text		576
	Decimal <*Dcml*>	[0..1]	Quantity		576
	Name <*Nm*>	[0..1]	Text		576
	OriginalAmount <*OrgnlAmt*>	[1..1]			576
	ActualAmount <*ActlAmt*>	[0..1]	Amount		576
	MinimumAmount <*MinAmt*>	[0..1]	Amount		576
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		577
	CommissionDetails <*ComssnDtls*>	[0..*]			577
	Amount <*Amt*>	[1..1]	Amount		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	MarkUpDetails <*MrkUpDtls*>	[0..*]			577
	Rate <*Rate*>	[1..1]	Rate		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		578
	Instalment <*Instlmt*>	[0..*]	±		578
	AggregationTransaction <*AggtnTx*>	[0..1]	±		579
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		580
	SaleItem <*SaleItm*>	[0..*]	±		580
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		581
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		581
	AdditionalInformation <*AddtlInf*>	[0..*]			581
	Identification <*Id*>	[1..1]	Text		582
	Value <*Val*>	[0..1]	Binary		582
	ProtectedValue <*PrtctdVal*>	[0..1]	±		582
	Type <*Tp*>	[0..1]	Text		582
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		582
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		583
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			583
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		585
	Conversion <*Convs*>	[0..1]			585
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		586
	TargetCurrency <*TrgtCcy*>	[1..1]			587
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	587
	NumericCode <*NmrcCd*>	[1..1]	Text		587
	Decimal <*Dcml*>	[1..1]	Quantity		587
	Name <*Nm*>	[0..1]	Text		587
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		587
	ExchangeRate <*XchgRate*>	[1..1]	Rate		588
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		588
	QuotationDate <*QtnDt*>	[0..1]	DateTime		588
	ValidUntil <*VldUntil*>	[0..1]	DateTime		588
	SourceCurrency <*SrcCcy*>	[1..1]			588
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	588
	NumericCode <*NmrcCd*>	[0..1]	Text		589

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Decimal <*Dcml*>	[0..1]	Quantity		589
	Name <*Nm*>	[0..1]	Text		589
	OriginalAmount <*OrgnlAmt*>	[1..1]			589
	ActualAmount <*ActlAmt*>	[0..1]	Amount		589
	MinimumAmount <*MinAmt*>	[0..1]	Amount		589
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		590
	CommissionDetails <*ComssnDtls*>	[0..*]			590
	Amount <*Amt*>	[1..1]	Amount		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	MarkUpDetails <*MrkUpDtls*>	[0..*]			590
	Rate <*Rate*>	[1..1]	Rate		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		591
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		591

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 request message management information.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		548
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		549
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		550
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		550
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		550
	InitiatingParty <*InitgPty*>	[1..1]	±		550
	RecipientParty <*RcptPty*>	[0..1]	±		550
	Traceability <*Tracblt*>	[0..*]	±		551

18.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.

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

18.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

18.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

18.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

18.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

18.4.2 AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdvc>

Presence: [1..1]

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

AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdvc> contains the following **AcceptorCurrencyConversionAdvice6** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		555
	Transaction <*Tx*>	[1..1]			561
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		564
	TransactionIdentification <*TxId*>	[1..1]	±		564
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		564
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		564
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		564
	InterchangeData <*IntrchngData*>	[0..1]	Text		564
	TransactionDetails <*TxDtls*>	[1..1]			564
	Currency <*Ccy*>	[0..1]	CodeSet	C1	566
	TotalAmount <*TtlAmt*>	[1..1]	Amount		567
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		567
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		567
	DetailedAmount <*DtldAmt*>	[0..1]	±		567
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		568
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		568
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		568
	ValidityDate <*VldtyDt*>	[0..1]	Date		568
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		568
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		569
	AccountType <*AcctTp*>	[0..1]	CodeSet		569
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			570
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		572
	Conversion <*Convs*>	[0..1]			572
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		573
	TargetCurrency <*TrgtCcy*>	[1..1]			574
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	574
	NumericCode <*NmrcCd*>	[1..1]	Text		574
	Decimal <*Dcml*>	[1..1]	Quantity		574
	Name <*Nm*>	[0..1]	Text		574

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		574
	ExchangeRate <*XchgRate*>	[1..1]	Rate		575
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		575
	QuotationDate <*QtnDt*>	[0..1]	DateTime		575
	ValidUntil <*VldUntil*>	[0..1]	DateTime		575
	SourceCurrency <*SrcCcy*>	[1..1]			575
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	575
	NumericCode <*NmrcCd*>	[0..1]	Text		576
	Decimal <*Dcml*>	[0..1]	Quantity		576
	Name <*Nm*>	[0..1]	Text		576
	OriginalAmount <*OrgnlAmt*>	[1..1]			576
	ActualAmount <*ActlAmt*>	[0..1]	Amount		576
	MinimumAmount <*MinAmt*>	[0..1]	Amount		576
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		577
	CommissionDetails <*ComssnDtls*>	[0..*]			577
	Amount <*Amt*>	[1..1]	Amount		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	MarkUpDetails <*MrkUpDtls*>	[0..*]			577
	Rate <*Rate*>	[1..1]	Rate		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		578
	Instalment <*Instlmt*>	[0..*]	±		578
	AggregationTransaction <*AggtnTx*>	[0..1]	±		579
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		580
	SaleItem <*SaleItm*>	[0..*]	±		580
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		581
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		581
	AdditionalInformation <*AddtlInf*>	[0..*]			581
	Identification <*Id*>	[1..1]	Text		582
	Value <*Val*>	[0..1]	Binary		582
	ProtectedValue <*PrtctdVal*>	[0..1]	±		582

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[0..1]	Text		582
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		582
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		583
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			583
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		585
	Conversion <*Convs*>	[0..1]			585
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		586
	TargetCurrency <*TrgtCcy*>	[1..1]			587
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	587
	NumericCode <*NmrcCd*>	[1..1]	Text		587
	Decimal <*Dcml*>	[1..1]	Quantity		587
	Name <*Nm*>	[0..1]	Text		587
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		587
	ExchangeRate <*XchgRate*>	[1..1]	Rate		588
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		588
	QuotationDate <*QtnDt*>	[0..1]	DateTime		588
	ValidUntil <*VldUntil*>	[0..1]	DateTime		588
	SourceCurrency <*SrcCcy*>	[1..1]			588
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	588
	NumericCode <*NmrcCd*>	[0..1]	Text		589
	Decimal <*Dcml*>	[0..1]	Quantity		589
	Name <*Nm*>	[0..1]	Text		589
	OriginalAmount <*OrgnlAmt*>	[1..1]			589
	ActualAmount <*ActlAmt*>	[0..1]	Amount		589
	MinimumAmount <*MinAmt*>	[0..1]	Amount		589
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		590
	CommissionDetails <*ComssnDtls*>	[0..*]			590
	Amount <*Amt*>	[1..1]	Amount		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	MarkUpDetails <*MrkUpDtls*>	[0..*]			590
	Rate <*Rate*>	[1..1]	Rate		590

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		591

18.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

18.4.2.2 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 **CardPaymentTransaction121** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		564
	TransactionIdentification <*TxId*>	[1..1]	±		564
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		564
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		564
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		564
	InterchangeData <*IntrchngData*>	[0..1]	Text		564
	TransactionDetails <*TxDtls*>	[1..1]			564
	Currency <*Ccy*>	[0..1]	CodeSet	C1	566
	TotalAmount <*TtlAmt*>	[1..1]	Amount		567
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		567
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		567
	DetailedAmount <*DtldAmt*>	[0..1]	±		567
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		568
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		568
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		568
	ValidityDate <*VldtyDt*>	[0..1]	Date		568
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		568
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		569
	AccountType <*AcctTp*>	[0..1]	CodeSet		569
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			570
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		572
	Conversion <*Convs*>	[0..1]			572
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		573
	TargetCurrency <*TrgtCcy*>	[1..1]			574
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	574
	NumericCode <*NmrcCd*>	[1..1]	Text		574
	Decimal <*Dcml*>	[1..1]	Quantity		574
	Name <*Nm*>	[0..1]	Text		574
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		574
	ExchangeRate <*XchgRate*>	[1..1]	Rate		575
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		575

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	QuotationDate <*QtnDt*>	[0..1]	DateTime		575
	ValidUntil <*VldUntil*>	[0..1]	DateTime		575
	SourceCurrency <*SrcCcy*>	[1..1]			575
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	575
	NumericCode <*NmrcCd*>	[0..1]	Text		576
	Decimal <*Dcml*>	[0..1]	Quantity		576
	Name <*Nm*>	[0..1]	Text		576
	OriginalAmount <*OrgnlAmt*>	[1..1]			576
	ActualAmount <*ActlAmt*>	[0..1]	Amount		576
	MinimumAmount <*MinAmt*>	[0..1]	Amount		576
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		577
	CommissionDetails <*ComssnDtls*>	[0..*]			577
	Amount <*Amt*>	[1..1]	Amount		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	MarkUpDetails <*MrkUpDtls*>	[0..*]			577
	Rate <*Rate*>	[1..1]	Rate		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		578
	Instalment <*Instlmt*>	[0..*]	±		578
	AggregationTransaction <*AggtnTx*>	[0..1]	±		579
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		580
	SaleItem <*SaleItm*>	[0..*]	±		580
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		581
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		581
	AdditionalInformation <*AddtlInf*>	[0..*]			581
	Identification <*Id*>	[1..1]	Text		582
	Value <*Val*>	[0..1]	Binary		582
	ProtectedValue <*PrtctdVal*>	[0..1]	±		582
	Type <*Tp*>	[0..1]	Text		582
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		582
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		583

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 1392

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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

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 1392

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 1390

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 1392

18.4.2.2.6 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

18.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	566
	TotalAmount <*TtlAmt*>	[1..1]	Amount		567
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		567
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		567
	DetailedAmount <*DtldAmt*>	[0..1]	±		567
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		568
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		568
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		568
	ValidityDate <*VldtyDt*>	[0..1]	Date		568
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		568
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		569
	AccountType <*AcctTp*>	[0..1]	CodeSet		569
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			570
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		572
	Conversion <*Convs*>	[0..1]			572
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		573
	TargetCurrency <*TrgtCcy*>	[1..1]			574
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	574
	NumericCode <*NmrcCd*>	[1..1]	Text		574
	Decimal <*Dcml*>	[1..1]	Quantity		574
	Name <*Nm*>	[0..1]	Text		574
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		574
	ExchangeRate <*XchgRate*>	[1..1]	Rate		575
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		575
	QuotationDate <*QtnDt*>	[0..1]	DateTime		575
	ValidUntil <*VldUntil*>	[0..1]	DateTime		575
	SourceCurrency <*SrcCcy*>	[1..1]			575
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	575
	NumericCode <*NmrcCd*>	[0..1]	Text		576
	Decimal <*Dcml*>	[0..1]	Quantity		576
	Name <*Nm*>	[0..1]	Text		576

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			576
	ActualAmount <*ActlAmt*>	[0..1]	Amount		576
	MinimumAmount <*MinAmt*>	[0..1]	Amount		576
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		577
	CommissionDetails <*ComssnDtls*>	[0..*]			577
	Amount <*Amt*>	[1..1]	Amount		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	MarkUpDetails <*MrkUpDtls*>	[0..*]			577
	Rate <*Rate*>	[1..1]	Rate		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		578
	Instalment <*Instlmt*>	[0..*]	±		578
	AggregationTransaction <*AggtnTx*>	[0..1]	±		579
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		580
	SaleItem <*SaleItm*>	[0..*]	±		580
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		581
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		581
	AdditionalInformation <*AddtlInf*>	[0..*]			581
	Identification <*Id*>	[1..1]	Text		582
	Value <*Val*>	[0..1]	Binary		582
	ProtectedValue <*PrtctdVal*>	[0..1]	±		582
	Type <*Tp*>	[0..1]	Text		582
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		582

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 1335

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 1331

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 1331

18.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

18.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1331

18.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

18.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth 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 1392

18.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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 <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		572
	Conversion <*Convs*>	[0..1]			572
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		573
	TargetCurrency <*TrgtCcy*>	[1..1]			574
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	574
	NumericCode <*NmrcCd*>	[1..1]	Text		574
	Decimal <*Dcml*>	[1..1]	Quantity		574
	Name <*Nm*>	[0..1]	Text		574
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		574
	ExchangeRate <*XchgRate*>	[1..1]	Rate		575
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		575
	QuotationDate <*QtnDt*>	[0..1]	DateTime		575
	ValidUntil <*VldUntil*>	[0..1]	DateTime		575
	SourceCurrency <*SrcCcy*>	[1..1]			575
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	575
	NumericCode <*NmrcCd*>	[0..1]	Text		576
	Decimal <*Dcml*>	[0..1]	Quantity		576
	Name <*Nm*>	[0..1]	Text		576
	OriginalAmount <*OrgnlAmt*>	[1..1]			576
	ActualAmount <*ActlAmt*>	[0..1]	Amount		576
	MinimumAmount <*MinAmt*>	[0..1]	Amount		576
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		577
	CommissionDetails <*ComssnDtls*>	[0..*]			577
	Amount <*Amt*>	[1..1]	Amount		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	MarkUpDetails <*MrkUpDtls*>	[0..*]			577
	Rate <*Rate*>	[1..1]	Rate		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		578

18.4.2.2.7.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

- *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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		573
	TargetCurrency <*TrgtCcy*>	[1..1]			574
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	574
	NumericCode <*NmrcCd*>	[1..1]	Text		574
	Decimal <*Dcml*>	[1..1]	Quantity		574
	Name <*Nm*>	[0..1]	Text		574
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		574
	ExchangeRate <*XchgRate*>	[1..1]	Rate		575
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		575
	QuotationDate <*QtnDt*>	[0..1]	DateTime		575
	ValidUntil <*VldUntil*>	[0..1]	DateTime		575
	SourceCurrency <*SrcCcy*>	[1..1]			575
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	575
	NumericCode <*NmrcCd*>	[0..1]	Text		576
	Decimal <*Dcml*>	[0..1]	Quantity		576
	Name <*Nm*>	[0..1]	Text		576
	OriginalAmount <*OrgnlAmt*>	[1..1]			576
	ActualAmount <*ActlAmt*>	[0..1]	Amount		576
	MinimumAmount <*MinAmt*>	[0..1]	Amount		576
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		577
	CommissionDetails <*ComssnDtls*>	[0..*]			577
	Amount <*Amt*>	[1..1]	Amount		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	MarkUpDetails <*MrkUpDtls*>	[0..*]			577
	Rate <*Rate*>	[1..1]	Rate		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		578

18.4.2.2.7.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

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	574
	NumericCode <*NmrcCd*>	[1..1]	Text		574
	Decimal <*Dcml*>	[1..1]	Quantity		574
	Name <*Nm*>	[0..1]	Text		574

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 1335

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 1389

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 1388

18.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

18.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

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 1388

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 1388

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 1385

18.4.2.2.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

18.4.2.2.7.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	575
	NumericCode <*NmrcCd*>	[0..1]	Text		576
	Decimal <*Dcml*>	[0..1]	Quantity		576
	Name <*Nm*>	[0..1]	Text		576

18.4.2.2.7.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

Constraints

- **ActiveCurrency**

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

18.4.2.2.7.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

18.4.2.2.7.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

18.4.2.2.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

18.4.2.2.7.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		576
	MinimumAmount <*MinAmt*>	[0..1]	Amount		576
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		577

18.4.2.2.7.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.2.7.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.2.7.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.2.7.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577

18.4.2.2.7.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.2.7.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

18.4.2.2.7.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		577
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		577

18.4.2.2.7.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

18.4.2.2.7.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

18.4.2.2.7.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

18.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

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 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

18.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

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 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

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 1392

18.4.2.2.7.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		582
	Value <*Val*>	[0..1]	Binary		582
	ProtectedValue <*PrtctdVal*>	[0..1]	±		582
	Type <*Tp*>	[0..1]	Text		582

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 1389

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 1332

18.4.2.2.7.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

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 1389

18.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

18.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1393

18.4.2.3 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder and its result.

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		585
	Conversion <*Convs*>	[0..1]			585
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		586
	TargetCurrency <*TrgtCcy*>	[1..1]			587
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	587
	NumericCode <*NmrcCd*>	[1..1]	Text		587
	Decimal <*Dcml*>	[1..1]	Quantity		587
	Name <*Nm*>	[0..1]	Text		587
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		587
	ExchangeRate <*XchgRate*>	[1..1]	Rate		588
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		588
	QuotationDate <*QtnDt*>	[0..1]	DateTime		588
	ValidUntil <*VldUntil*>	[0..1]	DateTime		588
	SourceCurrency <*SrcCcy*>	[1..1]			588
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	588
	NumericCode <*NmrcCd*>	[0..1]	Text		589
	Decimal <*Dcml*>	[0..1]	Quantity		589
	Name <*Nm*>	[0..1]	Text		589
	OriginalAmount <*OrgnlAmt*>	[1..1]			589
	ActualAmount <*ActlAmt*>	[0..1]	Amount		589
	MinimumAmount <*MinAmt*>	[0..1]	Amount		589
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		590
	CommissionDetails <*ComssnDtls*>	[0..*]			590
	Amount <*Amt*>	[1..1]	Amount		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	MarkUpDetails <*MrkUpDtls*>	[0..*]			590
	Rate <*Rate*>	[1..1]	Rate		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		591

18.4.2.3.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

18.4.2.3.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		586
	TargetCurrency <*TrgtCcy*>	[1..1]			587
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	587
	NumericCode <*NmrcCd*>	[1..1]	Text		587
	Decimal <*Dcml*>	[1..1]	Quantity		587
	Name <*Nm*>	[0..1]	Text		587
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		587
	ExchangeRate <*XchgRate*>	[1..1]	Rate		588
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		588
	QuotationDate <*QtnDt*>	[0..1]	DateTime		588
	ValidUntil <*VldUntil*>	[0..1]	DateTime		588
	SourceCurrency <*SrcCcy*>	[1..1]			588
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	588
	NumericCode <*NmrcCd*>	[0..1]	Text		589
	Decimal <*Dcml*>	[0..1]	Quantity		589
	Name <*Nm*>	[0..1]	Text		589
	OriginalAmount <*OrgnlAmt*>	[1..1]			589
	ActualAmount <*ActlAmt*>	[0..1]	Amount		589
	MinimumAmount <*MinAmt*>	[0..1]	Amount		589
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		590
	CommissionDetails <*ComssnDtls*>	[0..*]			590
	Amount <*Amt*>	[1..1]	Amount		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	MarkUpDetails <*MrkUpDtls*>	[0..*]			590
	Rate <*Rate*>	[1..1]	Rate		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		591

18.4.2.3.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

18.4.2.3.2.2 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	587
	NumericCode <*NmrcCd*>	[1..1]	Text		587
	Decimal <*Dcml*>	[1..1]	Quantity		587
	Name <*Nm*>	[0..1]	Text		587

18.4.2.3.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

18.4.2.3.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

18.4.2.3.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

18.4.2.3.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

18.4.2.3.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.3.2.4 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 1388

18.4.2.3.2.5 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 1388

18.4.2.3.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

18.4.2.3.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

18.4.2.3.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	588
	NumericCode <*NmrcCd*>	[0..1]	Text		589
	Decimal <*Dcml*>	[0..1]	Quantity		589
	Name <*Nm*>	[0..1]	Text		589

18.4.2.3.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

18.4.2.3.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

18.4.2.3.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

18.4.2.3.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

18.4.2.3.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		589
	MinimumAmount <*MinAmt*>	[0..1]	Amount		589
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		590

18.4.2.3.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.3.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.3.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.3.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590

18.4.2.3.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

18.4.2.3.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

18.4.2.3.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		590
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		590

18.4.2.3.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

18.4.2.3.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

18.4.2.3.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

18.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

19 DRAFT1caaa.019.001.05 AcceptorCurrencyConversionAdviceResponseV05

19.1 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 AcceptorCurrencyConversionAdviceResponseV05 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.

19.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsAdvcRspn>	[1..1]			
	Header <*Hdr*>	[1..1]			594
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		594
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		596
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		596
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		596
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		596
	InitiatingParty <*InitgPty*>	[1..1]	±		596
	RecipientParty <*RcptPty*>	[0..1]	±		597
	Traceability <*Tracblt*>	[0..*]	±		597
	CurrencyConversionAdviceResponse <*CcyConvsAdvcRspn*>	[1..1]			598
	Environment <*Envt*>	[1..1]	±		598
	Transaction <*Tx*>	[1..1]			604
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		604
	TransactionIdentification <*TxId*>	[1..1]	±		604
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		605
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		605
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		605
	Response <*Rspn*>	[1..1]	CodeSet		605
	TMSTrigger <*TMSTrggr*>	[0..1]			605
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		606
	TMSIdentification <*TMSId*>	[0..1]	Text		606
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		606
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		606

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.

19.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

19.4.1 Header <Hdr>

Presence: [1..1]

Definition: Cancellation advice response message management information.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		594
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		596
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		596
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		596
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		596
	InitiatingParty <*InitgPty*>	[1..1]	±		596
	RecipientParty <*RcptPty*>	[0..1]	±		597
	Traceability <*Tracblt*>	[0..*]	±		597

19.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

19.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

19.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

19.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

19.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

19.4.2 CurrencyConversionAdviceResponse <CcyConvsAdvcRspn>

Presence: [1..1]

Definition: Information related to the currency conversion advice response.

CurrencyConversionAdviceResponse <CcyConvsAdvcRspn> contains the following **AcceptorCancellationAdviceResponse10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		598
	Transaction <*Tx*>	[1..1]			604
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		604
	TransactionIdentification <*TxId*>	[1..1]	±		604
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		605
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		605
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		605
	Response <*Rspn*>	[1..1]	CodeSet		605
	TMSTrigger <*TMSTrggr*>	[0..1]			605
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		606
	TMSIdentification <*TMSId*>	[0..1]	Text		606
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		606

19.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

19.4.2.2 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		604
	TransactionIdentification <*TxId*>	[1..1]	±		604
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		605
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		605
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		605
	Response <*Rspn*>	[1..1]	CodeSet		605

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 1392

19.4.2.2.2 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

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 1392

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 1390

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 1392

19.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

19.4.2.3 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		606
	TMSIdentification <*TMSId*>	[0..1]	Text		606
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		606

19.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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.

19.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

19.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

19.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

20 DRAFT1caaa.020.001.03 TransactionAdviceV03

20.1 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 TransactionAdviceV03 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.

20.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <TxAdvc>	[1..1]			
	Header <*Hdr*>	[1..1]			613
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		614
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		615
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		615
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		615
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		615
	InitiatingParty <*InitgPty*>	[1..1]	±		615
	RecipientParty <*RcptPty*>	[0..1]	±		616
	Traceability <*Tracblt*>	[0..*]	±		616
	TransactionAdvice <*TxAdvc*>	[1..1]			617
	Environment <*Envt*>	[1..1]	±		622
	Context <*Cntxt*>	[0..1]	±		628
	Transaction <*Tx*>	[1..1]			631
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		636
	TransactionType <*TxTp*>	[0..1]	CodeSet		636
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		637
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		637
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		638
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		638
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		638
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		638
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		638
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		639
	TransactionIdentification <*TxId*>	[1..1]	±		639
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		639
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		640
	Reversal <*Rvsl*>	[0..1]	Indicator		640
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		641
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		641

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		641
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		642
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		642
	InterchangeData <*IntrchngData*>	[0..1]	Text		642
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		642
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		642
	TransactionDetails <*TxDtls*>	[1..1]			642
	Currency <*Ccy*>	[0..1]	CodeSet	C1	644
	TotalAmount <*TtlAmt*>	[1..1]	Amount		645
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		645
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		645
	DetailedAmount <*DtldAmt*>	[0..1]	±		645
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		646
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		646
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		646
	ValidityDate <*VldtyDt*>	[0..1]	Date		646
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		646
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		647
	AccountType <*AcctTp*>	[0..1]	CodeSet		647
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			648
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		650
	Conversion <*Convs*>	[0..1]			650
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		651
	TargetCurrency <*TrgtCcy*>	[1..1]			652
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	652
	NumericCode <*NmrcCd*>	[1..1]	Text		652
	Decimal <*Dcml*>	[1..1]	Quantity		652
	Name <*Nm*>	[0..1]	Text		652
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		652
	ExchangeRate <*XchgRate*>	[1..1]	Rate		653
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		653

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	QuotationDate <*QtnDt*>	[0..1]	DateTime		653
	ValidUntil <*VldUntil*>	[0..1]	DateTime		653
	SourceCurrency <*SrcCcy*>	[1..1]			653
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	653
	NumericCode <*NmrcCd*>	[0..1]	Text		654
	Decimal <*Dcml*>	[0..1]	Quantity		654
	Name <*Nm*>	[0..1]	Text		654
	OriginalAmount <*OrgnlAmt*>	[1..1]			654
	ActualAmount <*ActlAmt*>	[0..1]	Amount		654
	MinimumAmount <*MinAmt*>	[0..1]	Amount		654
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		655
	CommissionDetails <*ComssnDtls*>	[0..*]			655
	Amount <*Amt*>	[1..1]	Amount		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	MarkUpDetails <*MrkUpDtls*>	[0..*]			655
	Rate <*Rate*>	[1..1]	Rate		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		656
	Instalment <*Instlmt*>	[0..*]	±		656
	AggregationTransaction <*AggtnTx*>	[0..1]	±		657
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		658
	SaleItem <*SaleItm*>	[0..*]	±		658
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		659
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		659
	AdditionalInformation <*AddtlInf*>	[0..*]			659
	Identification <*Id*>	[1..1]	Text		660
	Value <*Val*>	[0..1]	Binary		660
	ProtectedValue <*PrtctdVal*>	[0..1]	±		660
	Type <*Tp*>	[0..1]	Text		660
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		660
	AuthorisationResult <*AuthstnRslt*>	[0..1]			661

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		661
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			661
	Response <*Rspn*>	[1..1]	CodeSet		662
	ResponseReason <*RspnRsn*>	[0..1]	Text		662
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		662
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		662
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			662
	Method <*Mtd*>	[1..1]	CodeSet		663
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		663
	Result <*Rslt*>	[0..1]	CodeSet		664
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		664
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		664
	AccountFrom <*AcctFr*>	[0..1]			664
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		665
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		666
	AccountName <*AcctNm*>	[0..1]	Text		666
	AccountOwner <*AcctOwnr*>	[0..1]			667
	Name <*Nm*>	[1..1]	Text		667
	Address <*Adr*>	[1..1]	±		667
	Currency <*Ccy*>	[0..1]	CodeSet	C1	667
	AccountIdentifier <*AcctIdr*>	[0..1]			668
{Or	**Card** <*Card*>	[1..1]	Text		668
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		668
Or	**EMail** <*EMail*>	[1..1]	Text		668
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	668
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		669
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		669
Or	**Domestic** <*Dmst*>	[1..1]	Text		669
Or}	**Other** <*Othr*>	[1..1]	Text		669
	Servicer <*Svcr*>	[0..1]			669
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	670

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		670
	AccountTo <*AcctTo*>	[0..1]			670
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		671
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		672
	AccountName <*AcctNm*>	[0..1]	Text		672
	AccountOwner <*AcctOwnr*>	[0..1]			673
	Name <*Nm*>	[1..1]	Text		673
	Address <*Adr*>	[1..1]	±		673
	Currency <*Ccy*>	[0..1]	CodeSet	C1	673
	AccountIdentifier <*AcctIdr*>	[0..1]			674
{Or	**Card** <*Card*>	[1..1]	Text		674
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		674
Or	**EMail** <*EMail*>	[1..1]	Text		674
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	674
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		675
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		675
Or	**Domestic** <*Dmst*>	[1..1]	Text		675
Or}	**Other** <*Othr*>	[1..1]	Text		675
	Servicer <*Svcr*>	[0..1]			675
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	676
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		676
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		676
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	676
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		677

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 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.

20.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

20.4.1 Header <Hdr>

Presence: [1..1]

Definition: Completion advice message management information.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		614
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		615
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		615
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		615
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		615
	InitiatingParty <*InitgPty*>	[1..1]	±		615
	RecipientParty <*RcptPty*>	[0..1]	±		616
	Traceability <*Tracblt*>	[0..*]	±		616

20.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

20.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

20.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

20.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

20.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

20.4.2 TransactionAdvice <TxAdvc>

Presence: [1..1]

Definition: Information related to the outcome of the transaction.

TransactionAdvice <TxAdvc> contains the following **AcceptorCompletionAdvice11** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		622
	Context <*Cntxt*>	[0..1]	±		628
	Transaction <*Tx*>	[1..1]			631
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		636
	TransactionType <*TxTp*>	[0..1]	CodeSet		636
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		637
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		637
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		638
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		638
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		638
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		638
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		638
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		639
	TransactionIdentification <*TxId*>	[1..1]	±		639
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		639
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		640
	Reversal <*Rvsl*>	[0..1]	Indicator		640
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		641
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		641
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		641
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		642
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		642
	InterchangeData <*IntrchngData*>	[0..1]	Text		642
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		642
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		642
	TransactionDetails <*TxDtls*>	[1..1]			642
	Currency <*Ccy*>	[0..1]	CodeSet	C1	644
	TotalAmount <*TtlAmt*>	[1..1]	Amount		645
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		645
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		645
	DetailedAmount <*DtldAmt*>	[0..1]	±		645

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		646
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		646
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		646
	ValidityDate <*VldtyDt*>	[0..1]	Date		646
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		646
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		647
	AccountType <*AcctTp*>	[0..1]	CodeSet		647
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			648
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		650
	Conversion <*Convs*>	[0..1]			650
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		651
	TargetCurrency <*TrgtCcy*>	[1..1]			652
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	652
	NumericCode <*NmrcCd*>	[1..1]	Text		652
	Decimal <*Dcml*>	[1..1]	Quantity		652
	Name <*Nm*>	[0..1]	Text		652
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		652
	ExchangeRate <*XchgRate*>	[1..1]	Rate		653
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		653
	QuotationDate <*QtnDt*>	[0..1]	DateTime		653
	ValidUntil <*VldUntil*>	[0..1]	DateTime		653
	SourceCurrency <*SrcCcy*>	[1..1]			653
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	653
	NumericCode <*NmrcCd*>	[0..1]	Text		654
	Decimal <*Dcml*>	[0..1]	Quantity		654
	Name <*Nm*>	[0..1]	Text		654
	OriginalAmount <*OrgnlAmt*>	[1..1]			654
	ActualAmount <*ActlAmt*>	[0..1]	Amount		654
	MinimumAmount <*MinAmt*>	[0..1]	Amount		654
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		655
	CommissionDetails <*ComssnDtls*>	[0..*]			655

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	MarkUpDetails <*MrkUpDtls*>	[0..*]			655
	Rate <*Rate*>	[1..1]	Rate		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		656
	Instalment <*Instlmt*>	[0..*]	±		656
	AggregationTransaction <*AggtnTx*>	[0..1]	±		657
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		658
	SaleItem <*SaleItm*>	[0..*]	±		658
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		659
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		659
	AdditionalInformation <*AddtlInf*>	[0..*]			659
	Identification <*Id*>	[1..1]	Text		660
	Value <*Val*>	[0..1]	Binary		660
	ProtectedValue <*PrtctdVal*>	[0..1]	±		660
	Type <*Tp*>	[0..1]	Text		660
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		660
	AuthorisationResult <*AuthstnRslt*>	[0..1]			661
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		661
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			661
	Response <*Rspn*>	[1..1]	CodeSet		662
	ResponseReason <*RspnRsn*>	[0..1]	Text		662
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		662
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		662
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			662
	Method <*Mtd*>	[1..1]	CodeSet		663
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		663
	Result <*Rslt*>	[0..1]	CodeSet		664
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		664
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		664

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountFrom <*AcctFr*>	[0..1]			664
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		665
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		666
	AccountName <*AcctNm*>	[0..1]	Text		666
	AccountOwner <*AcctOwnr*>	[0..1]			667
	Name <*Nm*>	[1..1]	Text		667
	Address <*Adr*>	[1..1]	±		667
	Currency <*Ccy*>	[0..1]	CodeSet	C1	667
	AccountIdentifier <*AcctIdr*>	[0..1]			668
{Or	**Card** <*Card*>	[1..1]	Text		668
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		668
Or	**EMail** <*EMail*>	[1..1]	Text		668
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	668
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		669
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		669
Or	**Domestic** <*Dmst*>	[1..1]	Text		669
Or}	**Other** <*Othr*>	[1..1]	Text		669
	Servicer <*Svcr*>	[0..1]			669
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	670
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		670
	AccountTo <*AcctTo*>	[0..1]			670
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		671
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		672
	AccountName <*AcctNm*>	[0..1]	Text		672
	AccountOwner <*AcctOwnr*>	[0..1]			673
	Name <*Nm*>	[1..1]	Text		673
	Address <*Adr*>	[1..1]	±		673
	Currency <*Ccy*>	[0..1]	CodeSet	C1	673
	AccountIdentifier <*AcctIdr*>	[0..1]			674
{Or	**Card** <*Card*>	[1..1]	Text		674
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		674

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	**EMail** <*EMail*>	[1..1]	Text		674
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	674
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		675
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		675
Or	**Domestic** <*Dmst*>	[1..1]	Text		675
Or}	**Other** <*Othr*>	[1..1]	Text		675
	Servicer <*Svcr*>	[0..1]			675
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	676
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		676
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		676
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	676

20.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

20.4.2.2 Context <Cntxt>

Presence: [0..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

20.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction118** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		636
	TransactionType <*TxTp*>	[0..1]	CodeSet		636
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		637
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		637
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		638
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		638
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		638
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		638
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		638
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		639
	TransactionIdentification <*TxId*>	[1..1]	±		639
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		639
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		640
	Reversal <*Rvsl*>	[0..1]	Indicator		640
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		641
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		641
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		641
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		642
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		642
	InterchangeData <*IntrchngData*>	[0..1]	Text		642
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		642
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		642
	TransactionDetails <*TxDtls*>	[1..1]			642
	Currency <*Ccy*>	[0..1]	CodeSet	C1	644
	TotalAmount <*TtlAmt*>	[1..1]	Amount		645
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		645
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		645
	DetailedAmount <*DtldAmt*>	[0..1]	±		645
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		646
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		646
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		646

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ValidityDate <*VldtyDt*>	[0..1]	Date		646
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		646
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		647
	AccountType <*AcctTp*>	[0..1]	CodeSet		647
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			648
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		650
	Conversion <*Convs*>	[0..1]			650
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		651
	TargetCurrency <*TrgtCcy*>	[1..1]			652
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	652
	NumericCode <*NmrcCd*>	[1..1]	Text		652
	Decimal <*Dcml*>	[1..1]	Quantity		652
	Name <*Nm*>	[0..1]	Text		652
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		652
	ExchangeRate <*XchgRate*>	[1..1]	Rate		653
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		653
	QuotationDate <*QtnDt*>	[0..1]	DateTime		653
	ValidUntil <*VldUntil*>	[0..1]	DateTime		653
	SourceCurrency <*SrcCcy*>	[1..1]			653
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	653
	NumericCode <*NmrcCd*>	[0..1]	Text		654
	Decimal <*Dcml*>	[0..1]	Quantity		654
	Name <*Nm*>	[0..1]	Text		654
	OriginalAmount <*OrgnlAmt*>	[1..1]			654
	ActualAmount <*ActlAmt*>	[0..1]	Amount		654
	MinimumAmount <*MinAmt*>	[0..1]	Amount		654
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		655
	CommissionDetails <*ComssnDtls*>	[0..*]			655
	Amount <*Amt*>	[1..1]	Amount		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	MarkUpDetails <*MrkUpDtls*>	[0..*]			655

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		656
	Instalment <*Instlmt*>	[0..*]	±		656
	AggregationTransaction <*AggtnTx*>	[0..1]	±		657
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		658
	SaleItem <*SaleItm*>	[0..*]	±		658
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		659
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		659
	AdditionalInformation <*AddtlInf*>	[0..*]			659
	Identification <*Id*>	[1..1]	Text		660
	Value <*Val*>	[0..1]	Binary		660
	ProtectedValue <*PrtctdVal*>	[0..1]	±		660
	Type <*Tp*>	[0..1]	Text		660
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		660
	AuthorisationResult <*AuthstnRslt*>	[0..1]			661
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		661
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			661
	Response <*Rspn*>	[1..1]	CodeSet		662
	ResponseReason <*RspnRsn*>	[0..1]	Text		662
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		662
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		662
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			662
	Method <*Mtd*>	[1..1]	CodeSet		663
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		663
	Result <*Rslt*>	[0..1]	CodeSet		664
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		664
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		664
	AccountFrom <*AcctFr*>	[0..1]			664
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		665
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		666

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountName <*AcctNm*>	[0..1]	Text		666
	AccountOwner <*AcctOwnr*>	[0..1]			667
	Name <*Nm*>	[1..1]	Text		667
	Address <*Adr*>	[1..1]	±		667
	Currency <*Ccy*>	[0..1]	CodeSet	C1	667
	AccountIdentifier <*AcctIdr*>	[0..1]			668
{Or	**Card** <*Card*>	[1..1]	Text		668
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		668
Or	**EMail** <*EMail*>	[1..1]	Text		668
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	668
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		669
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		669
Or	**Domestic** <*Dmst*>	[1..1]	Text		669
Or}	**Other** <*Othr*>	[1..1]	Text		669
	Servicer <*Svcr*>	[0..1]			669
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	670
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		670
	AccountTo <*AcctTo*>	[0..1]			670
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		671
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		672
	AccountName <*AcctNm*>	[0..1]	Text		672
	AccountOwner <*AcctOwnr*>	[0..1]			673
	Name <*Nm*>	[1..1]	Text		673
	Address <*Adr*>	[1..1]	±		673
	Currency <*Ccy*>	[0..1]	CodeSet	C1	673
	AccountIdentifier <*AcctIdr*>	[0..1]			674
{Or	**Card** <*Card*>	[1..1]	Text		674
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		674
Or	**EMail** <*EMail*>	[1..1]	Text		674
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	674
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		675

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		675
Or	**Domestic** <*Dmst*>	[1..1]	Text		675
Or}	**Other** <*Othr*>	[1..1]	Text		675
	Servicer <*Svcr*>	[0..1]			675
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	676
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		676
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		676

20.4.2.3.1 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 1387):

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

20.4.2.3.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1351

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.

CodeName	Name	Definition
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

20.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1353

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.

20.4.2.3.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1352

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.

20.4.2.3.5 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 1387):

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

20.4.2.3.6 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 1395

20.4.2.3.7 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 1387):

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

20.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1392

20.4.2.3.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

20.4.2.3.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

20.4.2.3.11 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

20.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

20.4.2.3.13 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 1387):

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

20.4.2.3.14 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 1387):

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

20.4.2.3.15 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 1387):

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

20.4.2.3.16 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 1358

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.

20.4.2.3.17 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

20.4.2.3.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1390

20.4.2.3.19 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 1392

20.4.2.3.20 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

20.4.2.3.21 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 1390

20.4.2.3.22 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 1390

20.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	644
	TotalAmount <*TtlAmt*>	[1..1]	Amount		645
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		645
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		645
	DetailedAmount <*DtldAmt*>	[0..1]	±		645
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		646
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		646
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		646
	ValidityDate <*VldtyDt*>	[0..1]	Date		646
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		646
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		647
	AccountType <*AcctTp*>	[0..1]	CodeSet		647
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			648
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		650
	Conversion <*Convs*>	[0..1]			650
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		651
	TargetCurrency <*TrgtCcy*>	[1..1]			652
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	652
	NumericCode <*NmrcCd*>	[1..1]	Text		652
	Decimal <*Dcml*>	[1..1]	Quantity		652
	Name <*Nm*>	[0..1]	Text		652
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		652
	ExchangeRate <*XchgRate*>	[1..1]	Rate		653
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		653
	QuotationDate <*QtnDt*>	[0..1]	DateTime		653
	ValidUntil <*VldUntil*>	[0..1]	DateTime		653
	SourceCurrency <*SrcCcy*>	[1..1]			653
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	653
	NumericCode <*NmrcCd*>	[0..1]	Text		654
	Decimal <*Dcml*>	[0..1]	Quantity		654
	Name <*Nm*>	[0..1]	Text		654

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			654
	ActualAmount <*ActlAmt*>	[0..1]	Amount		654
	MinimumAmount <*MinAmt*>	[0..1]	Amount		654
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		655
	CommissionDetails <*ComssnDtls*>	[0..*]			655
	Amount <*Amt*>	[1..1]	Amount		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	MarkUpDetails <*MrkUpDtls*>	[0..*]			655
	Rate <*Rate*>	[1..1]	Rate		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		656
	Instalment <*Instlmt*>	[0..*]	±		656
	AggregationTransaction <*AggtnTx*>	[0..1]	±		657
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		658
	SaleItem <*SaleItm*>	[0..*]	±		658
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		659
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		659
	AdditionalInformation <*AddtlInf*>	[0..*]			659
	Identification <*Id*>	[1..1]	Text		660
	Value <*Val*>	[0..1]	Binary		660
	ProtectedValue <*PrtctdVal*>	[0..1]	±		660
	Type <*Tp*>	[0..1]	Text		660
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		660

20.4.2.3.23.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

20.4.2.3.23.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

20.4.2.3.23.5 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

20.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

20.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

20.4.2.3.23.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

20.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

20.4.2.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		650
	Conversion <*Convs*>	[0..1]			650
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		651
	TargetCurrency <*TrgtCcy*>	[1..1]			652
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	652
	NumericCode <*NmrcCd*>	[1..1]	Text		652
	Decimal <*Dcml*>	[1..1]	Quantity		652
	Name <*Nm*>	[0..1]	Text		652
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		652
	ExchangeRate <*XchgRate*>	[1..1]	Rate		653
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		653
	QuotationDate <*QtnDt*>	[0..1]	DateTime		653
	ValidUntil <*VldUntil*>	[0..1]	DateTime		653
	SourceCurrency <*SrcCcy*>	[1..1]			653
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	653
	NumericCode <*NmrcCd*>	[0..1]	Text		654
	Decimal <*Dcml*>	[0..1]	Quantity		654
	Name <*Nm*>	[0..1]	Text		654
	OriginalAmount <*OrgnlAmt*>	[1..1]			654
	ActualAmount <*ActlAmt*>	[0..1]	Amount		654
	MinimumAmount <*MinAmt*>	[0..1]	Amount		654
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		655
	CommissionDetails <*ComssnDtls*>	[0..*]			655
	Amount <*Amt*>	[1..1]	Amount		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	MarkUpDetails <*MrkUpDtls*>	[0..*]			655
	Rate <*Rate*>	[1..1]	Rate		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		656

20.4.2.3.23.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

20.4.2.3.23.13.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		651
	TargetCurrency <*TrgtCcy*>	[1..1]			652
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	652
	NumericCode <*NmrcCd*>	[1..1]	Text		652
	Decimal <*Dcml*>	[1..1]	Quantity		652
	Name <*Nm*>	[0..1]	Text		652
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		652
	ExchangeRate <*XchgRate*>	[1..1]	Rate		653
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		653
	QuotationDate <*QtnDt*>	[0..1]	DateTime		653
	ValidUntil <*VldUntil*>	[0..1]	DateTime		653
	SourceCurrency <*SrcCcy*>	[1..1]			653
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	653
	NumericCode <*NmrcCd*>	[0..1]	Text		654
	Decimal <*Dcml*>	[0..1]	Quantity		654
	Name <*Nm*>	[0..1]	Text		654
	OriginalAmount <*OrgnlAmt*>	[1..1]			654
	ActualAmount <*ActlAmt*>	[0..1]	Amount		654
	MinimumAmount <*MinAmt*>	[0..1]	Amount		654
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		655
	CommissionDetails <*ComssnDtls*>	[0..*]			655
	Amount <*Amt*>	[1..1]	Amount		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	MarkUpDetails <*MrkUpDtls*>	[0..*]			655
	Rate <*Rate*>	[1..1]	Rate		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		656

20.4.2.3.23.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

20.4.2.3.23.13.2.2 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	652
	NumericCode <*NmrcCd*>	[1..1]	Text		652
	Decimal <*Dcml*>	[1..1]	Quantity		652
	Name <*Nm*>	[0..1]	Text		652

20.4.2.3.23.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

20.4.2.3.23.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

20.4.2.3.23.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

20.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

20.4.2.3.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.13.2.4 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 1388

20.4.2.3.23.13.2.5 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 1388

20.4.2.3.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

20.4.2.3.23.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

20.4.2.3.23.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	653
	NumericCode <*NmrcCd*>	[0..1]	Text		654
	Decimal <*Dcml*>	[0..1]	Quantity		654
	Name <*Nm*>	[0..1]	Text		654

20.4.2.3.23.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

20.4.2.3.23.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

20.4.2.3.23.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

20.4.2.3.23.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

20.4.2.3.23.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		654
	MinimumAmount <*MinAmt*>	[0..1]	Amount		654
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		655

20.4.2.3.23.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655

20.4.2.3.23.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

20.4.2.3.23.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

20.4.2.3.23.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		655
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		655

20.4.2.3.23.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

20.4.2.3.23.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

20.4.2.3.23.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

20.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

20.4.2.3.23.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

20.4.2.3.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

20.4.2.3.23.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

20.4.2.3.23.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

20.4.2.3.23.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

20.4.2.3.23.20 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		660
	Value <*Val*>	[0..1]	Binary		660
	ProtectedValue <*PrtctdVal*>	[0..1]	±		660
	Type <*Tp*>	[0..1]	Text		660

20.4.2.3.23.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

20.4.2.3.23.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

20.4.2.3.23.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

20.4.2.3.23.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

20.4.2.3.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

20.4.2.3.24 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]	±		661
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			661
	Response <*Rspn*>	[1..1]	CodeSet		662
	ResponseReason <*RspnRsn*>	[0..1]	Text		662
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		662
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		662

20.4.2.3.24.1 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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

20.4.2.3.24.2 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		662
	ResponseReason <*RspnRsn*>	[0..1]	Text		662
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		662

20.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

20.4.2.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

20.4.2.3.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

20.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

20.4.2.3.25 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		663
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		663
	Result <*Rslt*>	[0..1]	CodeSet		664
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		664

20.4.2.3.25.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1344

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.

20.4.2.3.25.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1344

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

20.4.2.3.25.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1385

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

20.4.2.3.25.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1393

20.4.2.3.26 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

20.4.2.3.27 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		665
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		666
	AccountName <*AcctNm*>	[0..1]	Text		666
	AccountOwner <*AcctOwnr*>	[0..1]			667
	Name <*Nm*>	[1..1]	Text		667
	Address <*Adr*>	[1..1]	±		667
	Currency <*Ccy*>	[0..1]	CodeSet	C1	667
	AccountIdentifier <*AcctIdr*>	[0..1]			668
{Or	**Card** <*Card*>	[1..1]	Text		668
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		668
Or	**EMail** <*EMail*>	[1..1]	Text		668
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	668
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		669
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		669
Or	**Domestic** <*Dmst*>	[1..1]	Text		669
Or}	**Other** <*Othr*>	[1..1]	Text		669
	Servicer <*Svcr*>	[0..1]			669
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	670
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		670

20.4.2.3.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

20.4.2.3.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

20.4.2.3.27.3 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 1393

20.4.2.3.27.4 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		667
	Address <*Adr*>	[1..1]	±		667

20.4.2.3.27.4.1 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 1393

20.4.2.3.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

20.4.2.3.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

20.4.2.3.27.6 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		668
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		668
Or	**EMail** <*EMail*>	[1..1]	Text		668
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	668
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		669
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		669
Or	**Domestic** <*Dmst*>	[1..1]	Text		669
Or}	**Other** <*Othr*>	[1..1]	Text		669

20.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

20.4.2.3.27.6.2 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 1390

20.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

20.4.2.3.27.6.4 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 1386

Constraints

- **IBAN**

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

20.4.2.3.27.6.5 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 1386

20.4.2.3.27.6.6 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 1387

20.4.2.3.27.6.7 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 1392

20.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

20.4.2.3.27.7 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	670
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		670

20.4.2.3.27.7.1 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 1386

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.

20.4.2.3.27.7.2 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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

20.4.2.3.28 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		671
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		672
	AccountName <*AcctNm*>	[0..1]	Text		672
	AccountOwner <*AcctOwnr*>	[0..1]			673
	Name <*Nm*>	[1..1]	Text		673
	Address <*Adr*>	[1..1]	±		673
	Currency <*Ccy*>	[0..1]	CodeSet	C1	673
	AccountIdentifier <*AcctIdr*>	[0..1]			674
{Or	**Card** <*Card*>	[1..1]	Text		674
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		674
Or	**EMail** <*EMail*>	[1..1]	Text		674
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	674
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		675
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		675
Or	**Domestic** <*Dmst*>	[1..1]	Text		675
Or}	**Other** <*Othr*>	[1..1]	Text		675
	Servicer <*Svcr*>	[0..1]			675
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	676
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		676

20.4.2.3.28.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

20.4.2.3.28.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

20.4.2.3.28.3 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 1393

20.4.2.3.28.4 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		673
	Address <*Adr*>	[1..1]	±		673

20.4.2.3.28.4.1 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 1393

20.4.2.3.28.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

20.4.2.3.28.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

20.4.2.3.28.6 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		674
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		674
Or	**EMail** <*EMail*>	[1..1]	Text		674
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	674
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		675
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		675
Or	**Domestic** <*Dmst*>	[1..1]	Text		675
Or}	**Other** <*Othr*>	[1..1]	Text		675

20.4.2.3.28.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

20.4.2.3.28.6.2 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 1390

20.4.2.3.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

20.4.2.3.28.6.4 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 1386

Constraints

- **IBAN**

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

20.4.2.3.28.6.5 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 1386

20.4.2.3.28.6.6 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 1387

20.4.2.3.28.6.7 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 1392

20.4.2.3.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

20.4.2.3.28.7 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	676
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		676

20.4.2.3.28.7.1 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 1386

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.

20.4.2.3.28.7.2 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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

20.4.2.3.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

20.4.2.4 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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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.

20.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

21 DRAFT1caaa.021.001.03 TransactionAdviceResponseV03

21.1 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 TransactionAdviceResponseV03 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.

21.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <*Document*> <*TxAdvcRspn*>	[1..1]			
	Header <*Hdr*>	[1..1]			680
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		680
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		682
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		682
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		682
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		682
	InitiatingParty <*InitgPty*>	[1..1]	±		682
	RecipientParty <*RcptPty*>	[0..1]	±		683
	Traceability <*Tracblt*>	[0..*]	±		683
	TransactionAdviceResponse <*TxAdvcRspn*>	[1..1]			684
	Environment <*Envt*>	[1..1]	±		684
	Transaction <*Tx*>	[1..1]			690
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		690
	TransactionIdentification <*TxId*>	[1..1]	±		690
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		691
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		691
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		691
	Response <*Rspn*>	[1..1]	CodeSet		691
	TMSTrigger <*TMSTrggr*>	[0..1]			691
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		692
	TMSIdentification <*TMSId*>	[0..1]	Text		692
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		692
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	692
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		693

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 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.

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		680
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		682
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		682
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		682
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		682
	InitiatingParty <*InitgPty*>	[1..1]	±		682
	RecipientParty <*RcptPty*>	[0..1]	±		683
	Traceability <*Tracblt*>	[0..*]	±		683

21.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

21.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

21.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

21.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

21.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

21.4.2 TransactionAdviceResponse <TxAdvcRspn>

Presence: [1..1]

Definition: Information related to the transaction advice response.

TransactionAdviceResponse <TxAdvcRspn> contains the following **AcceptorCompletionAdviceResponse10** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		684
	Transaction <*Tx*>	[1..1]			690
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		690
	TransactionIdentification <*TxId*>	[1..1]	±		690
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		691
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		691
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		691
	Response <*Rspn*>	[1..1]	CodeSet		691
	TMSTrigger <*TMSTrggr*>	[0..1]			691
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		692
	TMSIdentification <*TMSId*>	[0..1]	Text		692
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		692
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	692

21.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

21.4.2.2 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		690
	TransactionIdentification <*TxId*>	[1..1]	±		690
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		691
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		691
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		691
	Response <*Rspn*>	[1..1]	CodeSet		691

21.4.2.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

21.4.2.2.2 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

21.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

21.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1390

21.4.2.2.5 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 1392

21.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

21.4.2.3 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		692
	TMSIdentification <*TMSId*>	[0..1]	Text		692
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		692

21.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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.

21.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

21.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

21.4.2.4 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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

22 DRAFT1caaa.022.001.02 AcceptorNonFinancialRequestV02

22.1 MessageDefinition Functionality

The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).

Outline

The AcceptorNonFinancialRequestV02 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.

22.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrNonFinReq>	[1..1]			
	Header <*Hdr*>	[1..1]			700
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		700
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		701
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		702
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		702
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		702
	InitiatingParty <*InitgPty*>	[1..1]	±		702
	RecipientParty <*RcptPty*>	[0..1]	±		702
	Traceability <*Tracblt*>	[0..*]	±		703
	NonFinancialRequest <*NonFinReq*>	[1..1]			703
	Environment <*Envt*>	[1..1]	±		707
	Context <*Cntxt*>	[1..1]	±		713
	NonFinancialRequestContent <*NonFinReqCntt*>	[1..1]			716
	NonFinancialRequestType <*NonFinReqTp*>	[1..*]	CodeSet		720
	Transaction <*Tx*>	[0..1]			721
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		725
	TransactionType <*TxTp*>	[0..1]	CodeSet		725
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		726
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		727
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		727
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		727
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		728
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		728
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		728
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		728
	TransactionIdentification <*TxId*>	[1..1]	±		728
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		728
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		729
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		729

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		729
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		730
	TransactionDetails <*TxDtls*>	[1..1]			730
	Currency <*Ccy*>	[0..1]	CodeSet	C1	732
	TotalAmount <*TtlAmt*>	[1..1]	Amount		733
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		733
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		733
	DetailedAmount <*DtldAmt*>	[0..1]	±		733
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		734
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		734
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		734
	ValidityDate <*VldtyDt*>	[0..1]	Date		734
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		734
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		735
	AccountType <*AcctTp*>	[0..1]	CodeSet		735
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			736
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		738
	Conversion <*Convs*>	[0..1]			738
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		739
	TargetCurrency <*TrgtCcy*>	[1..1]			740
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		740
	ExchangeRate <*XchgRate*>	[1..1]	Rate		741
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		741
	QuotationDate <*QtnDt*>	[0..1]	DateTime		741
	ValidUntil <*VldUntil*>	[0..1]	DateTime		741
	SourceCurrency <*SrcCcy*>	[1..1]			741
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742
	OriginalAmount <*OrgnlAmt*>	[1..1]			742
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743
	CommissionDetails <*ComssnDtls*>	[0..*]			743
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	MarkUpDetails <*MrkUpDtls*>	[0..*]			743
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		744
	Instalment <*Instlmt*>	[0..*]	±		744
	AggregationTransaction <*AggtnTx*>	[0..1]	±		745
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		746
	SaleItem <*SaleItm*>	[0..*]	±		746
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		747
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		747
	AdditionalInformation <*AddtlInf*>	[0..*]			747
	Identification <*Id*>	[1..1]	Text		748
	Value <*Val*>	[0..1]	Binary		748
	ProtectedValue <*PrtctdVal*>	[0..1]	±		748
	Type <*Tp*>	[0..1]	Text		748
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		748
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		749
	AccountFrom <*AcctFr*>	[0..1]			749
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		749
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		750
	AccountName <*AcctNm*>	[0..1]	Text		751

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountOwner <*AcctOwnr*>	[0..1]			751
	Name <*Nm*>	[1..1]	Text		751
	Address <*Adr*>	[1..1]	±		751
	Currency <*Ccy*>	[0..1]	CodeSet	C1	752
	AccountIdentifier <*AcctIdr*>	[0..1]			752
{Or	**Card** <*Card*>	[1..1]	Text		753
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		753
Or	**EMail** <*EMail*>	[1..1]	Text		753
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	753
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		754
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		754
Or	**Domestic** <*Dmst*>	[1..1]	Text		754
Or}	**Other** <*Othr*>	[1..1]	Text		754
	Servicer <*Svcr*>	[0..1]			754
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	754
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		755
	AccountTo <*AcctTo*>	[0..1]			755
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		756
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		757
	AccountName <*AcctNm*>	[0..1]	Text		757
	AccountOwner <*AcctOwnr*>	[0..1]			758
	Name <*Nm*>	[1..1]	Text		758
	Address <*Adr*>	[1..1]	±		758
	Currency <*Ccy*>	[0..1]	CodeSet	C1	758
	AccountIdentifier <*AcctIdr*>	[0..1]			759
{Or	**Card** <*Card*>	[1..1]	Text		759
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		759
Or	**EMail** <*EMail*>	[1..1]	Text		759
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	759
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		760
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		760

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	**Domestic** <*Dmst*>	[1..1]	Text		760
Or}	**Other** <*Othr*>	[1..1]	Text		760
	Servicer <*Svcr*>	[0..1]			760
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	761
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		761
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		761
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	761
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		762

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 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.

22.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

22.4.1 Header <Hdr>

Presence: [1..1]

Definition: Non Financial request message management information.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		700
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		701
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		702
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		702
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		702
	InitiatingParty <*InitgPty*>	[1..1]	±		702
	RecipientParty <*RcptPty*>	[0..1]	±		702
	Traceability <*Tracblt*>	[0..*]	±		703

22.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.

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

22.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

22.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

22.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

22.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

22.4.2 NonFinancialRequest <NonFinReq>

Presence: [1..1]

Definition: Information related to the non financial request.

NonFinancialRequest <NonFinReq> contains the following **NonFinancialRequestComponent2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		707
	Context <*Cntxt*>	[1..1]	±		713
	NonFinancialRequestContent <*NonFinReqCntt*>	[1..1]			716
	NonFinancialRequestType <*NonFinReqTp*>	[1..*]	CodeSet		720
	Transaction <*Tx*>	[0..1]			721
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		725
	TransactionType <*TxTp*>	[0..1]	CodeSet		725
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		726
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		727
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		727
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		727
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		728
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		728
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		728
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		728
	TransactionIdentification <*TxId*>	[1..1]	±		728
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		728
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		729
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		729
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		729
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		730
	TransactionDetails <*TxDtls*>	[1..1]			730
	Currency <*Ccy*>	[0..1]	CodeSet	C1	732
	TotalAmount <*TtlAmt*>	[1..1]	Amount		733
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		733
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		733
	DetailedAmount <*DtldAmt*>	[0..1]	±		733
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		734
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		734
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		734

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ValidityDate <*VldtyDt*>	[0..1]	Date		734
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		734
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		735
	AccountType <*AcctTp*>	[0..1]	CodeSet		735
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			736
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		738
	Conversion <*Convs*>	[0..1]			738
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		739
	TargetCurrency <*TrgtCcy*>	[1..1]			740
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		740
	ExchangeRate <*XchgRate*>	[1..1]	Rate		741
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		741
	QuotationDate <*QtnDt*>	[0..1]	DateTime		741
	ValidUntil <*VldUntil*>	[0..1]	DateTime		741
	SourceCurrency <*SrcCcy*>	[1..1]			741
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742
	OriginalAmount <*OrgnlAmt*>	[1..1]			742
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743
	CommissionDetails <*ComssnDtls*>	[0..*]			743
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	MarkUpDetails <*MrkUpDtls*>	[0..*]			743

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		744
	Instalment <*Instlmt*>	[0..*]	±		744
	AggregationTransaction <*AggtnTx*>	[0..1]	±		745
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		746
	SaleItem <*SaleItm*>	[0..*]	±		746
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		747
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		747
	AdditionalInformation <*AddtlInf*>	[0..*]			747
	Identification <*Id*>	[1..1]	Text		748
	Value <*Val*>	[0..1]	Binary		748
	ProtectedValue <*PrtctdVal*>	[0..1]	±		748
	Type <*Tp*>	[0..1]	Text		748
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		748
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		749
	AccountFrom <*AcctFr*>	[0..1]			749
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		749
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		750
	AccountName <*AcctNm*>	[0..1]	Text		751
	AccountOwner <*AcctOwnr*>	[0..1]			751
	Name <*Nm*>	[1..1]	Text		751
	Address <*Adr*>	[1..1]	±		751
	Currency <*Ccy*>	[0..1]	CodeSet	C1	752
	AccountIdentifier <*AcctIdr*>	[0..1]			752
{Or	**Card** <*Card*>	[1..1]	Text		753
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		753
Or	**EMail** <*EMail*>	[1..1]	Text		753
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	753
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		754
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		754

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	**Domestic** <*Dmst*>	[1..1]	Text		754
Or}	**Other** <*Othr*>	[1..1]	Text		754
	Servicer <*Svcr*>	[0..1]			754
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	754
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		755
	AccountTo <*AcctTo*>	[0..1]			755
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		756
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		757
	AccountName <*AcctNm*>	[0..1]	Text		757
	AccountOwner <*AcctOwnr*>	[0..1]			758
	Name <*Nm*>	[1..1]	Text		758
	Address <*Adr*>	[1..1]	±		758
	Currency <*Ccy*>	[0..1]	CodeSet	C1	758
	AccountIdentifier <*AcctIdr*>	[0..1]			759
{Or	**Card** <*Card*>	[1..1]	Text		759
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		759
Or	**EMail** <*EMail*>	[1..1]	Text		759
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	759
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		760
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		760
Or	**Domestic** <*Dmst*>	[1..1]	Text		760
Or}	**Other** <*Othr*>	[1..1]	Text		760
	Servicer <*Svcr*>	[0..1]			760
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	761
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		761
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		761
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	761

22.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

22.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

22.4.2.3 NonFinancialRequestContent <NonFinReqCntt>

Presence: [1..1]

Definition: Aim of the non financial request.

NonFinancialRequestContent <NonFinReqCntt> contains the following **NonFinancialRequestContentComponent2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <*NonFinReqTp*>	[1..*]	CodeSet		720
	Transaction <*Tx*>	[0..1]			721
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		725
	TransactionType <*TxTp*>	[0..1]	CodeSet		725
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		726
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		727
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		727
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		727
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		728
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		728
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		728
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		728
	TransactionIdentification <*TxId*>	[1..1]	±		728
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		728
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		729
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		729
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		729
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		730
	TransactionDetails <*TxDtls*>	[1..1]			730
	Currency <*Ccy*>	[0..1]	CodeSet	C1	732
	TotalAmount <*TtlAmt*>	[1..1]	Amount		733
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		733
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		733
	DetailedAmount <*DtldAmt*>	[0..1]	±		733
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		734
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		734
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		734
	ValidityDate <*VldtyDt*>	[0..1]	Date		734
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		734
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		735

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountType <*AcctTp*>	[0..1]	CodeSet		735
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			736
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		738
	Conversion <*Convs*>	[0..1]			738
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		739
	TargetCurrency <*TrgtCcy*>	[1..1]			740
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		740
	ExchangeRate <*XchgRate*>	[1..1]	Rate		741
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		741
	QuotationDate <*QtnDt*>	[0..1]	DateTime		741
	ValidUntil <*VldUntil*>	[0..1]	DateTime		741
	SourceCurrency <*SrcCcy*>	[1..1]			741
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742
	OriginalAmount <*OrgnlAmt*>	[1..1]			742
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743
	CommissionDetails <*ComssnDtls*>	[0..*]			743
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	MarkUpDetails <*MrkUpDtls*>	[0..*]			743
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		744

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Instalment <*Instlmt*>	[0..*]	±		744
	AggregationTransaction <*AggtnTx*>	[0..1]	±		745
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		746
	SaleItem <*SaleItm*>	[0..*]	±		746
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		747
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		747
	AdditionalInformation <*AddtlInf*>	[0..*]			747
	Identification <*Id*>	[1..1]	Text		748
	Value <*Val*>	[0..1]	Binary		748
	ProtectedValue <*PrtctdVal*>	[0..1]	±		748
	Type <*Tp*>	[0..1]	Text		748
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		748
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		749
	AccountFrom <*AcctFr*>	[0..1]			749
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		749
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		750
	AccountName <*AcctNm*>	[0..1]	Text		751
	AccountOwner <*AcctOwnr*>	[0..1]			751
	Name <*Nm*>	[1..1]	Text		751
	Address <*Adr*>	[1..1]	±		751
	Currency <*Ccy*>	[0..1]	CodeSet	C1	752
	AccountIdentifier <*AcctIdr*>	[0..1]			752
{Or	**Card** <*Card*>	[1..1]	Text		753
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		753
Or	**EMail** <*EMail*>	[1..1]	Text		753
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	753
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		754
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		754
Or	**Domestic** <*Dmst*>	[1..1]	Text		754
Or}	**Other** <*Othr*>	[1..1]	Text		754
	Servicer <*Svcr*>	[0..1]			754

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	754
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		755
	AccountTo <*AcctTo*>	[0..1]			755
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		756
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		757
	AccountName <*AcctNm*>	[0..1]	Text		757
	AccountOwner <*AcctOwnr*>	[0..1]			758
	Name <*Nm*>	[1..1]	Text		758
	Address <*Adr*>	[1..1]	±		758
	Currency <*Ccy*>	[0..1]	CodeSet	C1	758
	AccountIdentifier <*AcctIdr*>	[0..1]			759
{Or	**Card** <*Card*>	[1..1]	Text		759
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		759
Or	**EMail** <*EMail*>	[1..1]	Text		759
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	759
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		760
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		760
Or	**Domestic** <*Dmst*>	[1..1]	Text		760
Or}	**Other** <*Othr*>	[1..1]	Text		760
	Servicer <*Svcr*>	[0..1]			760
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	761
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		761
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		761

22.4.2.3.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..*]

Definition: Type of non financial request that the Acceptor wants to be processed.

Datatype: "NonFinancialRequestType1Code" on page 1366

CodeName	Name	Definition
ACQR	AcquirerSelection	According to several parameters of a transaction, an Intermediary Agent helps an Acceptor to identify the more relevant Acquirer to process the transaction.

CodeName	Name	Definition
PARQ	ParRequest	The Intermediary Agent or Acquirer provides the PaymentAccountReference to use to process the transaction.
RISK	RiskManagement	The Intermediary Agent or Acquirer helps the Acceptor to assess the risk management of the transaction.
TOKN	TokenRequest	The Intermediary Agent or Acquirer provides the token to use to process the transaction.

22.4.2.3.2 Transaction <Tx>

Presence: [0..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction119** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		725
	TransactionType <*TxTp*>	[0..1]	CodeSet		725
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		726
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		727
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		727
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		727
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		728
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		728
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		728
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		728
	TransactionIdentification <*TxId*>	[1..1]	±		728
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		728
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		729
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		729
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		729
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		730
	TransactionDetails <*TxDtls*>	[1..1]			730
	Currency <*Ccy*>	[0..1]	CodeSet	C1	732
	TotalAmount <*TtlAmt*>	[1..1]	Amount		733
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		733
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		733
	DetailedAmount <*DtldAmt*>	[0..1]	±		733
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		734
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		734
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		734
	ValidityDate <*VldtyDt*>	[0..1]	Date		734
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		734
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		735
	AccountType <*AcctTp*>	[0..1]	CodeSet		735
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			736
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		738

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Conversion <*Convs*>	[0..1]			738
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		739
	TargetCurrency <*TrgtCcy*>	[1..1]			740
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		740
	ExchangeRate <*XchgRate*>	[1..1]	Rate		741
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		741
	QuotationDate <*QtnDt*>	[0..1]	DateTime		741
	ValidUntil <*VldUntil*>	[0..1]	DateTime		741
	SourceCurrency <*SrcCcy*>	[1..1]			741
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742
	OriginalAmount <*OrgnlAmt*>	[1..1]			742
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743
	CommissionDetails <*ComssnDtls*>	[0..*]			743
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	MarkUpDetails <*MrkUpDtls*>	[0..*]			743
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		744
	Instalment <*Instlmt*>	[0..*]	±		744
	AggregationTransaction <*AggtnTx*>	[0..1]	±		745
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		746

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleItem <*SaleItm*>	[0..*]	±		746
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		747
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		747
	AdditionalInformation <*AddtlInf*>	[0..*]			747
	Identification <*Id*>	[1..1]	Text		748
	Value <*Val*>	[0..1]	Binary		748
	ProtectedValue <*PrtctdVal*>	[0..1]	±		748
	Type <*Tp*>	[0..1]	Text		748
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		748
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		749
	AccountFrom <*AcctFr*>	[0..1]			749
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		749
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		750
	AccountName <*AcctNm*>	[0..1]	Text		751
	AccountOwner <*AcctOwnr*>	[0..1]			751
	Name <*Nm*>	[1..1]	Text		751
	Address <*Adr*>	[1..1]	±		751
	Currency <*Ccy*>	[0..1]	CodeSet	C1	752
	AccountIdentifier <*AcctIdr*>	[0..1]			752
{Or	**Card** <*Card*>	[1..1]	Text		753
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		753
Or	**EMail** <*EMail*>	[1..1]	Text		753
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	753
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		754
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		754
Or	**Domestic** <*Dmst*>	[1..1]	Text		754
Or}	**Other** <*Othr*>	[1..1]	Text		754
	Servicer <*Svcr*>	[0..1]			754
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	754
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		755
	AccountTo <*AcctTo*>	[0..1]			755

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		756
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		757
	AccountName <*AcctNm*>	[0..1]	Text		757
	AccountOwner <*AcctOwnr*>	[0..1]			758
	Name <*Nm*>	[1..1]	Text		758
	Address <*Adr*>	[1..1]	±		758
	Currency <*Ccy*>	[0..1]	CodeSet	C1	758
	AccountIdentifier <*AcctIdr*>	[0..1]			759
{Or	**Card** <*Card*>	[1..1]	Text		759
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		759
Or	**EMail** <*EMail*>	[1..1]	Text		759
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	759
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		760
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		760
Or	**Domestic** <*Dmst*>	[1..1]	Text		760
Or}	**Other** <*Othr*>	[1..1]	Text		760
	Servicer <*Svcr*>	[0..1]			760
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	761
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		761
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		761

22.4.2.3.2.1 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 1387):

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

22.4.2.3.2.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1351

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.

22.4.2.3.2.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1353

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.

CodeName	Name	Definition
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.

22.4.2.3.2.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1352

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.

22.4.2.3.2.5 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 1387):

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

22.4.2.3.2.6 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 1395

22.4.2.3.2.7 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 1387):

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

22.4.2.3.2.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1392

22.4.2.3.2.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

22.4.2.3.2.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

22.4.2.3.2.11 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

22.4.2.3.2.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

22.4.2.3.2.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

22.4.2.3.2.14 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 1392

22.4.2.3.2.15 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 1390

22.4.2.3.2.16 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 1390

22.4.2.3.2.17 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	732
	TotalAmount <*TtlAmt*>	[1..1]	Amount		733
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		733
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		733
	DetailedAmount <*DtldAmt*>	[0..1]	±		733
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		734
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		734
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		734
	ValidityDate <*VldtyDt*>	[0..1]	Date		734
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		734
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		735
	AccountType <*AcctTp*>	[0..1]	CodeSet		735
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			736
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		738
	Conversion <*Convs*>	[0..1]			738
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		739
	TargetCurrency <*TrgtCcy*>	[1..1]			740
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		740
	ExchangeRate <*XchgRate*>	[1..1]	Rate		741
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		741
	QuotationDate <*QtnDt*>	[0..1]	DateTime		741
	ValidUntil <*VldUntil*>	[0..1]	DateTime		741
	SourceCurrency <*SrcCcy*>	[1..1]			741
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			742
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743
	CommissionDetails <*ComssnDtls*>	[0..*]			743
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	MarkUpDetails <*MrkUpDtls*>	[0..*]			743
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		744
	Instalment <*Instlmt*>	[0..*]	±		744
	AggregationTransaction <*AggtnTx*>	[0..1]	±		745
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		746
	SaleItem <*SaleItm*>	[0..*]	±		746
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		747
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		747
	AdditionalInformation <*AddtlInf*>	[0..*]			747
	Identification <*Id*>	[1..1]	Text		748
	Value <*Val*>	[0..1]	Binary		748
	ProtectedValue <*PrtctdVal*>	[0..1]	±		748
	Type <*Tp*>	[0..1]	Text		748
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		748

22.4.2.3.2.17.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

22.4.2.3.2.17.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

22.4.2.3.2.17.5 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

22.4.2.3.2.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

22.4.2.3.2.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

22.4.2.3.2.17.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

22.4.2.3.2.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

22.4.2.3.2.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		738
	Conversion <*Convs*>	[0..1]			738
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		739
	TargetCurrency <*TrgtCcy*>	[1..1]			740
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		740
	ExchangeRate <*XchgRate*>	[1..1]	Rate		741
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		741
	QuotationDate <*QtnDt*>	[0..1]	DateTime		741
	ValidUntil <*VldUntil*>	[0..1]	DateTime		741
	SourceCurrency <*SrcCcy*>	[1..1]			741
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742
	OriginalAmount <*OrgnlAmt*>	[1..1]			742
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743
	CommissionDetails <*ComssnDtls*>	[0..*]			743
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	MarkUpDetails <*MrkUpDtls*>	[0..*]			743
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		744

22.4.2.3.2.17.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

22.4.2.3.2.17.13.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		739
	TargetCurrency <*TrgtCcy*>	[1..1]			740
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		740
	ExchangeRate <*XchgRate*>	[1..1]	Rate		741
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		741
	QuotationDate <*QtnDt*>	[0..1]	DateTime		741
	ValidUntil <*VldUntil*>	[0..1]	DateTime		741
	SourceCurrency <*SrcCcy*>	[1..1]			741
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742
	OriginalAmount <*OrgnlAmt*>	[1..1]			742
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743
	CommissionDetails <*ComssnDtls*>	[0..*]			743
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	MarkUpDetails <*MrkUpDtls*>	[0..*]			743
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		744

22.4.2.3.2.17.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

22.4.2.3.2.17.13.2.2 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	740
	NumericCode <*NmrcCd*>	[1..1]	Text		740
	Decimal <*Dcml*>	[1..1]	Quantity		740
	Name <*Nm*>	[0..1]	Text		740

22.4.2.3.2.17.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

22.4.2.3.2.17.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

22.4.2.3.2.17.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

22.4.2.3.2.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

22.4.2.3.2.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.13.2.4 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 1388

22.4.2.3.2.17.13.2.5 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 1388

22.4.2.3.2.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

22.4.2.3.2.17.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

22.4.2.3.2.17.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	741
	NumericCode <*NmrcCd*>	[0..1]	Text		742
	Decimal <*Dcml*>	[0..1]	Quantity		742
	Name <*Nm*>	[0..1]	Text		742

22.4.2.3.2.17.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

22.4.2.3.2.17.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

22.4.2.3.2.17.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

22.4.2.3.2.17.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

22.4.2.3.2.17.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		742
	MinimumAmount <*MinAmt*>	[0..1]	Amount		742
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		743

22.4.2.3.2.17.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743

22.4.2.3.2.17.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

22.4.2.3.2.17.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

22.4.2.3.2.17.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		743
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		743

22.4.2.3.2.17.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

22.4.2.3.2.17.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

22.4.2.3.2.17.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

22.4.2.3.2.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

22.4.2.3.2.17.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

22.4.2.3.2.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

22.4.2.3.2.17.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

22.4.2.3.2.17.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

22.4.2.3.2.17.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

22.4.2.3.2.17.20 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		748
	Value <*Val*>	[0..1]	Binary		748
	ProtectedValue <*PrtctdVal*>	[0..1]	±		748
	Type <*Tp*>	[0..1]	Text		748

22.4.2.3.2.17.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

22.4.2.3.2.17.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

22.4.2.3.2.17.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

22.4.2.3.2.17.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

22.4.2.3.2.17.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

22.4.2.3.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

22.4.2.3.2.19 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		749
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		750
	AccountName <*AcctNm*>	[0..1]	Text		751
	AccountOwner <*AcctOwnr*>	[0..1]			751
	Name <*Nm*>	[1..1]	Text		751
	Address <*Adr*>	[1..1]	±		751
	Currency <*Ccy*>	[0..1]	CodeSet	C1	752
	AccountIdentifier <*AcctIdr*>	[0..1]			752
{Or	**Card** <*Card*>	[1..1]	Text		753
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		753
Or	**EMail** <*EMail*>	[1..1]	Text		753
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	753
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		754
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		754
Or	**Domestic** <*Dmst*>	[1..1]	Text		754
Or}	**Other** <*Othr*>	[1..1]	Text		754
	Servicer <*Svcr*>	[0..1]			754
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	754
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		755

22.4.2.3.2.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

22.4.2.3.2.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

22.4.2.3.2.19.3 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 1393

22.4.2.3.2.19.4 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		751
	Address <*Adr*>	[1..1]	±		751

22.4.2.3.2.19.4.1 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 1393

22.4.2.3.2.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

22.4.2.3.2.19.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

22.4.2.3.2.19.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	**Card** <*Card*>	[1..1]	Text		753
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		753
Or	**EMail** <*EMail*>	[1..1]	Text		753
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	753
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		754
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		754
Or	**Domestic** <*Dmst*>	[1..1]	Text		754
Or}	**Other** <*Othr*>	[1..1]	Text		754

22.4.2.3.2.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

22.4.2.3.2.19.6.2 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 1390

22.4.2.3.2.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

22.4.2.3.2.19.6.4 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 1386

Constraints

- **IBAN**

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

22.4.2.3.2.19.6.5 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 1386

22.4.2.3.2.19.6.6 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 1387

22.4.2.3.2.19.6.7 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 1392

22.4.2.3.2.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

22.4.2.3.2.19.7 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	754
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		755

22.4.2.3.2.19.7.1 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 1386

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.

22.4.2.3.2.19.7.2 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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

22.4.2.3.2.20 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		756
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		757
	AccountName <*AcctNm*>	[0..1]	Text		757
	AccountOwner <*AcctOwnr*>	[0..1]			758
	Name <*Nm*>	[1..1]	Text		758
	Address <*Adr*>	[1..1]	±		758
	Currency <*Ccy*>	[0..1]	CodeSet	C1	758
	AccountIdentifier <*AcctIdr*>	[0..1]			759
{Or	**Card** <*Card*>	[1..1]	Text		759
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		759
Or	**EMail** <*EMail*>	[1..1]	Text		759
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	759
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		760
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		760
Or	**Domestic** <*Dmst*>	[1..1]	Text		760
Or}	**Other** <*Othr*>	[1..1]	Text		760
	Servicer <*Svcr*>	[0..1]			760
{Or	**AnyBIC** <*AnyBIC*>	[1..1]	IdentifierSet	C2	761
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		761

22.4.2.3.2.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

22.4.2.3.2.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

22.4.2.3.2.20.3 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 1393

22.4.2.3.2.20.4 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		758
	Address <*Adr*>	[1..1]	±		758

22.4.2.3.2.20.4.1 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 1393

22.4.2.3.2.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

22.4.2.3.2.20.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

22.4.2.3.2.20.6 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		759
Or	**MSISDN** <*MSISDN*>	[1..1]	Text		759
Or	**EMail** <*EMail*>	[1..1]	Text		759
Or	**IBAN** <*IBAN*>	[1..1]	IdentifierSet	C4	759
Or	**BBAN** <*BBAN*>	[1..1]	IdentifierSet		760
Or	**UPIC** <*UPIC*>	[1..1]	IdentifierSet		760
Or	**Domestic** <*Dmst*>	[1..1]	Text		760
Or}	**Other** <*Othr*>	[1..1]	Text		760

22.4.2.3.2.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

22.4.2.3.2.20.6.2 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 1390

22.4.2.3.2.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

22.4.2.3.2.20.6.4 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 1386

Constraints

- **IBAN**

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

22.4.2.3.2.20.6.5 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 1386

22.4.2.3.2.20.6.6 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 1387

22.4.2.3.2.20.6.7 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 1392

22.4.2.3.2.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

22.4.2.3.2.20.7 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	761
Or}	**ProprietaryIdentification** <*PrtryId*>	[1..1]	±		761

22.4.2.3.2.20.7.1 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 1386

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.

22.4.2.3.2.20.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

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

ProprietaryIdentification <PrtryId> contains the following elements (see "GenericIdentification1" on page 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

22.4.2.3.2.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

22.4.2.4 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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

23 DRAFT1caaa.023.001.02 AcceptorNonFinancialResponseV02

23.1 MessageDefinition Functionality

The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide addintional information.

Outline

The AcceptorNonFinancialResponseV02 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.

23.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrNonFinRspn>	[1..1]			
	Header <*Hdr*>	[1..1]			765
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		765
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		767
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		767
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		767
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		767
	InitiatingParty <*InitgPty*>	[1..1]	±		767
	RecipientParty <*RcptPty*>	[0..1]	±		768
	Traceability <*Tracblt*>	[0..*]	±		768
	NonFinancialResponse <*NonFinRspn*>	[1..1]			769
	Environment <*Envt*>	[1..1]	±		769
	ResponseContent <*RspnCntt*>	[1..*]			775
	NonFinancialRequestType <*NonFinReqTp*>	[1..1]	CodeSet		775
	AcquirerSelected <*AcqrrSelctd*>	[0..1]	±		776
	RiskManagementResult <*RskMgmtRslt*>	[0..1]	CodeSet		776
	Action <*Actn*>	[0..*]			776
	ActionType <*ActnTp*>	[1..1]	CodeSet		776
	MessageToPresent <*MsgToPres*>	[0..1]	±		777
	Response <*Rspn*>	[1..1]	±		778
	Response <*Rspn*>	[1..1]	±		778
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	779
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		779

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 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.

23.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

23.4.1 Header <Hdr>

Presence: [1..1]

Definition: Non Financial response message management information.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		765
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		767
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		767
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		767
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		767
	InitiatingParty <*InitgPty*>	[1..1]	±		767
	RecipientParty <*RcptPty*>	[0..1]	±		768
	Traceability <*Tracblt*>	[0..*]	±		768

23.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

23.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

23.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

23.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

23.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

23.4.2 NonFinancialResponse <NonFinRspn>

Presence: [1..1]

Definition: Information related to the non financial response.

NonFinancialResponse <NonFinRspn> contains the following **NonFinancialResponseComponent2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		769
	ResponseContent <*RspnCntt*>	[1..*]			775
	NonFinancialRequestType <*NonFinReqTp*>	[1..1]	CodeSet		775
	AcquirerSelected <*AcqrrSelctd*>	[0..1]	±		776
	RiskManagementResult <*RskMgmtRslt*>	[0..1]	CodeSet		776
	Action <*Actn*>	[0..*]			776
	ActionType <*ActnTp*>	[1..1]	CodeSet		776
	MessageToPresent <*MsgToPres*>	[0..1]	±		777
	Response <*Rspn*>	[1..1]	±		778
	Response <*Rspn*>	[1..1]	±		778
	SupplementaryData <*SplmtryData*>	[0..*]	±	C3	779

23.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

23.4.2.2 ResponseContent <RspnCntt>

Presence: [1..*]

Definition: Response of the non financial request.

ResponseContent <RspnCntt> contains the following **NonFinancialResponseContentComponent2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <*NonFinReqTp*>	[1..1]	CodeSet		775
	AcquirerSelected <*AcqrrSelctd*>	[0..1]	±		776
	RiskManagementResult <*RskMgmtRslt*>	[0..1]	CodeSet		776
	Action <*Actn*>	[0..*]			776
	ActionType <*ActnTp*>	[1..1]	CodeSet		776
	MessageToPresent <*MsgToPres*>	[0..1]	±		777
	Response <*Rspn*>	[1..1]	±		778

23.4.2.2.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..1]

Definition: Type of non financial request that the Acquirer processed.

Datatype: "NonFinancialRequestType1Code" on page 1366

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.

CodeName	Name	Definition
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.

23.4.2.2.2 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 849 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	±		849
	ParametersVersion <*ParamsVrsn*>	[0..1]	Text		849

23.4.2.2.3 RiskManagementResult <RskMgmtRslt>

Presence: [0..1]

Definition: Advice from the Acquirer (or its Agent) to the POI to manage risk.

Datatype: "NonFinancialResponseRisk1Code" on page 1367

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.

23.4.2.2.4 Action <Actn>

Presence: [0..*]

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

Action <Actn> contains the following **Action12** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActionType <*ActnTp*>	[1..1]	CodeSet		776
	MessageToPresent <*MsgToPres*>	[0..1]	±		777

23.4.2.2.4.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType12Code" on page 1334

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 Authentification through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentification 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 revocated this recurring transaction for this merchant.

23.4.2.2.4.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

23.4.2.2.5 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 1240 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	CodeSet		1240
	ResponseReason <*RspnRsn*>	[0..1]	CodeSet		1240
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1241

23.4.2.3 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 1240 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	CodeSet		1240
	ResponseReason <*RspnRsn*>	[0..1]	CodeSet		1240
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1241

23.4.2.4 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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

24 DRAFT1caaa.024.001.02 AcceptorTransactionLogReportRequestV02

24.1 MessageDefinition Functionality

The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.

Outline

The AcceptorTransactionLogReportRequestV02 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.

24.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrTxLgRptReq>	[1..1]			
	Header <*Hdr*>	[1..1]			782
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		783
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		784
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		784
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		785
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		785
	InitiatingParty <*InitgPty*>	[1..1]	±		785
	RecipientParty <*RcptPty*>	[0..1]	±		785
	Traceability <*Tracblt*>	[0..*]	±		786
	ReportRequest <*RptReq*>	[1..1]			786
	Environment <*Envt*>	[1..1]	±		787
	Context <*Cntxt*>	[1..1]	±		793
	ServiceContent <*SvcCntt*>	[1..1]	CodeSet		796
	ReportTransactionRequest <*RptTxReq*>	[0..1]			796
	SearchCriteria <*SchCrit*>	[1..*]			796
	SearchOr <*SchOr*>	[1..*]			797
	SearchAnd <*SchAnd*>	[1..*]			797
	Target <*Trgt*>	[1..1]	Text		797
	Operator <*Oprtr*>	[1..1]	CodeSet		797
	Value <*Val*>	[1..1]	Text		798
	SearchOutputOrder <*SchOutptOrdr*>	[0..1]			798
	CriteriaOrder <*CritOrdr*>	[1..*]			798
	Target <*Trgt*>	[1..1]	Text		798
	DescendingOrder <*DscndgOrdr*>	[0..1]	Indicator		798
	BlockStart <*BlckStart*>	[0..1]	Quantity		799
	BlockStop <*BlckStop*>	[0..1]	Quantity		799
	ReportGetTotalsRequest <*RptGetTtlsReq*>	[0..1]			799
	TotalDetails <*TtlDtls*>	[0..1]	CodeSet		799
	TotalFilter <*TtlFltr*>	[0..1]			800

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	POIIdentification <*POIId*>	[0..1]	Text		800
	SaleIdentification <*SaleId*>	[0..1]	Text		800
	CashierIdentification <*CshrId*>	[0..1]	Text		800
	ShiftNumber <*ShftNb*>	[0..1]	Text		800
	TotalsGroupIdentification <*TtlsGrpId*>	[0..1]	Text		800
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	801
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		801

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 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.

24.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

24.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		783
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		784
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		784
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		785
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		785
	InitiatingParty <*InitgPty*>	[1..1]	±		785
	RecipientParty <*RcptPty*>	[0..1]	±		785
	Traceability <*Tracblt*>	[0..*]	±		786

24.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

24.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

24.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

24.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

24.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

24.4.2 ReportRequest <RptReq>

Presence: [1..1]

Definition: Information related to the report request.

ReportRequest <RptReq> contains the following **ReportRequest5** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		787
	Context <*Cntxt*>	[1..1]	±		793
	ServiceContent <*SvcCntt*>	[1..1]	CodeSet		796
	ReportTransactionRequest <*RptTxReq*>	[0..1]			796
	SearchCriteria <*SchCrit*>	[1..*]			796
	SearchOr <*SchOr*>	[1..*]			797
	SearchAnd <*SchAnd*>	[1..*]			797
	Target <*Trgt*>	[1..1]	Text		797
	Operator <*Oprtr*>	[1..1]	CodeSet		797
	Value <*Val*>	[1..1]	Text		798
	SearchOutputOrder <*SchOutptOrdr*>	[0..1]			798
	CriteriaOrder <*CritOrdr*>	[1..*]			798
	Target <*Trgt*>	[1..1]	Text		798
	DescendingOrder <*DscndgOrdr*>	[0..1]	Indicator		798
	BlockStart <*BlckStart*>	[0..1]	Quantity		799
	BlockStop <*BlckStop*>	[0..1]	Quantity		799
	ReportGetTotalsRequest <*RptGetTtlsReq*>	[0..1]			799
	TotalDetails <*TtlDtls*>	[0..1]	CodeSet		799
	TotalFilter <*TtlFltr*>	[0..1]			800
	POIIdentification <*POIId*>	[0..1]	Text		800
	SaleIdentification <*SaleId*>	[0..1]	Text		800
	CashierIdentification <*CshrId*>	[0..1]	Text		800
	ShiftNumber <*ShftNb*>	[0..1]	Text		800
	TotalsGroupIdentification <*TtlsGrpId*>	[0..1]	Text		800
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	801

24.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

24.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

24.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService6Code" on page 1377

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.

24.4.2.4 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..*]			796
	SearchOr <*SchOr*>	[1..*]			797
	SearchAnd <*SchAnd*>	[1..*]			797
	Target <*Trgt*>	[1..1]	Text		797
	Operator <*Oprtr*>	[1..1]	CodeSet		797
	Value <*Val*>	[1..1]	Text		798
	SearchOutputOrder <*SchOutptOrdr*>	[0..1]			798
	CriteriaOrder <*CritOrdr*>	[1..*]			798
	Target <*Trgt*>	[1..1]	Text		798
	DescendingOrder <*DscndgOrdr*>	[0..1]	Indicator		798
	BlockStart <*BlckStart*>	[0..1]	Quantity		799
	BlockStop <*BlckStop*>	[0..1]	Quantity		799

24.4.2.4.1 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..*]			797
	SearchAnd <*SchAnd*>	[1..*]			797
	Target <*Trgt*>	[1..1]	Text		797
	Operator <*Oprtr*>	[1..1]	CodeSet		797
	Value <*Val*>	[1..1]	Text		798

24.4.2.4.1.1 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..*]			797
	Target <*Trgt*>	[1..1]	Text		797
	Operator <*Oprtr*>	[1..1]	CodeSet		797
	Value <*Val*>	[1..1]	Text		798

24.4.2.4.1.1.1 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		797
	Operator <*Oprtr*>	[1..1]	CodeSet		797
	Value <*Val*>	[1..1]	Text		798

24.4.2.4.1.1.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 1393

24.4.2.4.1.1.1.2 Operator <Oprtr>

Presence: [1..1]

Definition: Comparison operator used to evaluate matching transactions vs criteria.

Datatype: "Operator1Code" on page 1368

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.

24.4.2.4.1.1.1.3 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 1393

24.4.2.4.2 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..*]			798
	Target <*Trgt*>	[1..1]	Text		798

24.4.2.4.2.1 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		798

24.4.2.4.2.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 1393

24.4.2.4.3 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 1387):

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

24.4.2.4.4 BlockStart <BlckStart>

Presence: [0..1]

Definition: Index of the first transaction matching the search criteria.

Datatype: "PositiveNumber" on page 1388

24.4.2.4.5 BlockStop <BlckStop>

Presence: [0..1]

Definition: Index of the last transaction matching the search criteria.

Datatype: "PositiveNumber" on page 1388

24.4.2.5 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		799
	TotalFilter <*TtlFltr*>	[0..1]			800
	POIIdentification <*POIId*>	[0..1]	Text		800
	SaleIdentification <*SaleId*>	[0..1]	Text		800
	CashierIdentification <*CshrId*>	[0..1]	Text		800
	ShiftNumber <*ShftNb*>	[0..1]	Text		800
	TotalsGroupIdentification <*TtlsGrpId*>	[0..1]	Text		800

24.4.2.5.1 TotalDetails <TtlDtls>

Presence: [0..1]

Definition: Indicates the hierarchical structure of the report.

Datatype: "TotalDetails1Code" on page 1380

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.

24.4.2.5.2 TotalFilter <TtlFltr>

Presence: [0..1]

Definition: Filter to compute the totals.

TotalFilter <TtlFltr> contains the following **TotalFilter1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	POIIdentification <*POIId*>	[0..1]	Text		800
	SaleIdentification <*SaleId*>	[0..1]	Text		800
	CashierIdentification <*CshrId*>	[0..1]	Text		800
	ShiftNumber <*ShftNb*>	[0..1]	Text		800
	TotalsGroupIdentification <*TtlsGrpId*>	[0..1]	Text		800

24.4.2.5.2.1 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 1392

24.4.2.5.2.2 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 1392

24.4.2.5.2.3 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1392

24.4.2.5.2.4 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max35Text" on page 1392

24.4.2.5.2.5 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 1392

24.4.2.6 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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

25 DRAFT1caaa.025.001.02 AcceptorTransactionLogReportResponseV02

25.1 MessageDefinition Functionality

This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.

Outline

The AcceptorTransactionLogReportResponseV02 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.

25.2 Structure

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrTxLgRptRspn>	[1..1]			
	Header <*Hdr*>	[1..1]			806
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		806
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		808
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		808
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		808
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		808
	InitiatingParty <*InitgPty*>	[1..1]	±		808
	RecipientParty <*RcptPty*>	[0..1]	±		809
	Traceability <*Tracblt*>	[0..*]	±		809
	ReportResponse <*RptRspn*>	[1..1]			810
	Environment <*Envt*>	[1..1]	±		813
	Context <*Cntxt*>	[1..1]	±		819
	ServiceContent <*SvcCntt*>	[1..1]	CodeSet		822
	ReportTransactionResponse <*RptTxRspn*>	[0..1]			822
	ReportFullSize <*RptFullSz*>	[1..1]	Quantity		824
	BlockStart <*BlckStart*>	[1..1]	Quantity		824
	BlockStop <*BlckStop*>	[1..1]	Quantity		824
	TransactionReport <*TxRpt*>	[0..*]			824
	Response <*Rspn*>	[1..1]	±		825
	PaymentResponse <*PmtRspn*>	[0..1]			826
	SaleTransactionIdentification <*SaleTxId*>	[1..1]	±		827
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		828
	POITransactionIdentification <*POITxId*>	[1..1]	±		828
	POIReconciliationIdentification <*POIRcncltnId*>	[0..1]	Text		828
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		828
	RetailerPaymentResult <*RtlrPmtRslt*>	[1..1]	±		828
	PaymentReceipt <*PmtRct*>	[0..*]	±		831
	LoyaltyResult <*LltyRslt*>	[0..*]			831
	Account <*Acct*>	[1..1]	±		832

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[0..1]			833
	Unit <*Unit*>	[0..1]	CodeSet		833
	Currency <*Ccy*>	[0..1]	CodeSet	C1	833
	Amount <*Amt*>	[1..1]	Amount		833
	ServerData <*SvrData*>	[0..1]			833
	LoyaltyServerIdentification <*LltySvrId*>	[0..1]	Text		834
	ApprovalCode <*ApprvlCd*>	[0..1]	Text		834
	LoyaltyTransactionIdentification <*LltyTxId*>	[0..1]	±		834
	HostReconciliationIdentification <*HstRcncltnId*>	[0..1]	Text		834
	Rebates <*Rbts*>	[0..1]			834
	TotalRebate <*TtlRbt*>	[0..1]	Amount		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		835
	SaleItemRebate <*SaleItmRbt*>	[0..*]			835
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836
	CustomerOrder <*CstmrOrdr*>	[0..*]	±		836
	ReportGetTotalsResponse <*RptGetTtlsRspn*>	[0..1]			837
	POIReconciliationIdentification <*POIRcncltnId*>	[1..1]	Text		839
	TransactionTotalsSet <*TxTtlsSet*>	[0..*]			839
	PaymentInstrumentType <*PmtInstrmTp*>	[1..1]	CodeSet		841
	AcquirerIdentification <*AcqrrId*>	[0..1]	Text		841
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		841
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		841
	Brand <*Brnd*>	[0..1]	Text		841
	POIIdentification <*POIId*>	[0..1]	Text		841
	SaleIdentification <*SaleId*>	[0..1]	Text		842
	CashierIdentification <*CshrId*>	[0..1]	Text		842
	ShiftNumber <*ShftNb*>	[0..1]	Text		842
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			842
	CommonName <*CmonNm*>	[1..1]	Text		842
	Address <*Adr*>	[0..1]	Text		842

Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CountryCode <*CtryCd*>	[1..1]	CodeSet		842
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		843
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		843
	TransactionTotal <*TxTtl*>	[1..1]			843
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		843
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		843
	Currency <*Ccy*>	[0..1]	CodeSet	C1	843
	Type <*Tp*>	[1..1]	CodeSet		844
	TotalNumber <*TtlNb*>	[1..1]	Quantity		844
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		844
	DetailedAmount <*DtldAmt*>	[0..1]	±		844
	LoyaltyTransactionTotal <*LltyTxTtl*>	[0..*]			845
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		845
	LoyaltyUnit <*LltyUnit*>	[0..1]	CodeSet		845
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		846
	Currency <*Ccy*>	[0..1]	CodeSet	C1	846
	TransactionType <*TxTp*>	[1..1]	CodeSet		846
	TotalNumber <*TtlNb*>	[1..1]	Quantity		846
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		847
	DetailedAmount <*DtldAmt*>	[0..1]	±		847
	Response <*Rspn*>	[1..1]	±		847
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	847
	SecurityTrailer <*SctyTrlr*>	[0..1]	±		848

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.

C7 ValidationByTable

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

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 **Header59** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageFunction <*MsgFctn*>	[1..1]	CodeSet		806
	ProtocolVersion <*PrtcolVrsn*>	[1..1]	Text		808
	ExchangeIdentification <*XchgId*>	[1..1]	Quantity		808
	ReTransmissionCounter <*ReTrnsmssnCntr*>	[0..1]	Text		808
	CreationDateTime <*CreDtTm*>	[1..1]	DateTime		808
	InitiatingParty <*InitgPty*>	[1..1]	±		808
	RecipientParty <*RcptPty*>	[0..1]	±		809
	Traceability <*Tracblt*>	[0..*]	±		809

25.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction42Code" on page 1365

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.

25.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 1393

25.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1388

25.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1392

25.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1385

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 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

25.4.2 ReportResponse <RptRspn>

Presence: [1..1]

Definition: Information related to the response of a report request.

ReportResponse <RptRspn> contains the following **ReportResponse5** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Environment <*Envt*>	[1..1]	±		813
	Context <*Cntxt*>	[1..1]	±		819
	ServiceContent <*SvcCntt*>	[1..1]	CodeSet		822
	ReportTransactionResponse <*RptTxRspn*>	[0..1]			822
	ReportFullSize <*RptFullSz*>	[1..1]	Quantity		824
	BlockStart <*BlckStart*>	[1..1]	Quantity		824
	BlockStop <*BlckStop*>	[1..1]	Quantity		824
	TransactionReport <*TxRpt*>	[0..*]			824
	Response <*Rspn*>	[1..1]	±		825
	PaymentResponse <*PmtRspn*>	[0..1]			826
	SaleTransactionIdentification <*SaleTxId*>	[1..1]	±		827
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		828
	POITransactionIdentification <*POITxId*>	[1..1]	±		828
	POIReconciliationIdentification <*POIRcncltnId*>	[0..1]	Text		828
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		828
	RetailerPaymentResult <*RtlrPmtRslt*>	[1..1]	±		828
	PaymentReceipt <*PmtRct*>	[0..*]	±		831
	LoyaltyResult <*LltyRslt*>	[0..*]			831
	Account <*Acct*>	[1..1]	±		832
	Amount <*Amt*>	[0..1]			833
	Unit <*Unit*>	[0..1]	CodeSet		833
	Currency <*Ccy*>	[0..1]	CodeSet	C1	833
	Amount <*Amt*>	[1..1]	Amount		833
	ServerData <*SvrData*>	[0..1]			833
	LoyaltyServerIdentification <*LltySvrId*>	[0..1]	Text		834
	ApprovalCode <*ApprvlCd*>	[0..1]	Text		834
	LoyaltyTransactionIdentification <*LltyTxId*>	[0..1]	±		834
	HostReconciliationIdentification <*HstRcncltnId*>	[0..1]	Text		834
	Rebates <*Rbts*>	[0..1]			834
	TotalRebate <*TtlRbt*>	[0..1]	Amount		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		835

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleItemRebate <*SaleItmRbt*>	[0..*]			835
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836
	CustomerOrder <*CstmrOrdr*>	[0..*]	±		836
	ReportGetTotalsResponse <*RptGetTtlsRspn*>	[0..1]			837
	POIReconciliationIdentification <*POIRcncltnId*>	[1..1]	Text		839
	TransactionTotalsSet <*TxTtlsSet*>	[0..*]			839
	PaymentInstrumentType <*PmtInstrmTp*>	[1..1]	CodeSet		841
	AcquirerIdentification <*AcqrrId*>	[0..1]	Text		841
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		841
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		841
	Brand <*Brnd*>	[0..1]	Text		841
	POIIdentification <*POIId*>	[0..1]	Text		841
	SaleIdentification <*SaleId*>	[0..1]	Text		842
	CashierIdentification <*CshrId*>	[0..1]	Text		842
	ShiftNumber <*ShftNb*>	[0..1]	Text		842
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			842
	CommonName <*CmonNm*>	[1..1]	Text		842
	Address <*Adr*>	[0..1]	Text		842
	CountryCode <*CtryCd*>	[1..1]	CodeSet		842
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		843
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		843
	TransactionTotal <*TxTtl*>	[1..1]			843
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		843
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		843
	Currency <*Ccy*>	[0..1]	CodeSet	C1	843
	Type <*Tp*>	[1..1]	CodeSet		844
	TotalNumber <*TtlNb*>	[1..1]	Quantity		844
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		844
	DetailedAmount <*DtldAmt*>	[0..1]	±		844
	LoyaltyTransactionTotal <*LltyTxTtl*>	[0..*]			845

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		845
	LoyaltyUnit <*LltyUnit*>	[0..1]	CodeSet		845
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		846
	Currency <*Ccy*>	[0..1]	CodeSet	C1	846
	TransactionType <*TxTp*>	[1..1]	CodeSet		846
	TotalNumber <*TtlNb*>	[1..1]	Quantity		846
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		847
	DetailedAmount <*DtldAmt*>	[0..1]	±		847
	Response <*Rspn*>	[1..1]	±		847
	SupplementaryData <*SplmtryData*>	[0..*]	±	C5	847

25.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

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 "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

25.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService7Code" on page 1377

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.

25.4.2.4 ReportTransactionResponse <RptTxRspn>

Presence: [0..1]

Definition: Content of the Transaction Report Response message.

ReportTransactionResponse <RptTxRspn> contains the following **ReportTransactionResponse4** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ReportFullSize <*RptFullSz*>	[1..1]	Quantity		824
	BlockStart <*BlckStart*>	[1..1]	Quantity		824
	BlockStop <*BlckStop*>	[1..1]	Quantity		824
	TransactionReport <*TxRpt*>	[0..*]			824
	Response <*Rspn*>	[1..1]	±		825
	PaymentResponse <*PmtRspn*>	[0..1]			826
	SaleTransactionIdentification <*SaleTxId*>	[1..1]	±		827
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		828
	POITransactionIdentification <*POITxId*>	[1..1]	±		828
	POIReconciliationIdentification <*POIRcncltnId*>	[0..1]	Text		828
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		828
	RetailerPaymentResult <*RtlrPmtRslt*>	[1..1]	±		828
	PaymentReceipt <*PmtRct*>	[0..*]	±		831
	LoyaltyResult <*LltyRslt*>	[0..*]			831
	Account <*Acct*>	[1..1]	±		832
	Amount <*Amt*>	[0..1]			833
	Unit <*Unit*>	[0..1]	CodeSet		833
	Currency <*Ccy*>	[0..1]	CodeSet	C1	833
	Amount <*Amt*>	[1..1]	Amount		833
	ServerData <*SvrData*>	[0..1]			833
	LoyaltyServerIdentification <*LltySvrId*>	[0..1]	Text		834
	ApprovalCode <*ApprvlCd*>	[0..1]	Text		834
	LoyaltyTransactionIdentification <*LltyTxId*>	[0..1]	±		834
	HostReconciliationIdentification <*HstRcncltnId*>	[0..1]	Text		834
	Rebates <*Rbts*>	[0..1]			834
	TotalRebate <*TtlRbt*>	[0..1]	Amount		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		835
	SaleItemRebate <*SaleItmRbt*>	[0..*]			835
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CustomerOrder <*CstmrOrdr*>	[0..*]	±		836

25.4.2.4.1 ReportFullSize <RptFullSz>

Presence: [1..1]

Definition: The total number of transactions matching the search criteria.

Datatype: "PositiveNumber" on page 1388

25.4.2.4.2 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 1388

25.4.2.4.3 BlockStop <BlckStop>

Presence: [1..1]

Definition: Index of the last transaction reported in this message.

Datatype: "PositiveNumber" on page 1388

25.4.2.4.4 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 **PointOfInteractionTransactionReport4** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	±		825
	PaymentResponse <*PmtRspn*>	[0..1]			826
	SaleTransactionIdentification <*SaleTxId*>	[1..1]	±		827
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		828
	POITransactionIdentification <*POITxId*>	[1..1]	±		828
	POIReconciliationIdentification <*POIRcncltnId*>	[0..1]	Text		828
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		828
	RetailerPaymentResult <*RtlrPmtRslt*>	[1..1]	±		828
	PaymentReceipt <*PmtRct*>	[0..*]	±		831
	LoyaltyResult <*LltyRslt*>	[0..*]			831
	Account <*Acct*>	[1..1]	±		832
	Amount <*Amt*>	[0..1]			833
	Unit <*Unit*>	[0..1]	CodeSet		833
	Currency <*Ccy*>	[0..1]	CodeSet	C1	833
	Amount <*Amt*>	[1..1]	Amount		833
	ServerData <*SvrData*>	[0..1]			833
	LoyaltyServerIdentification <*LltySvrId*>	[0..1]	Text		834
	ApprovalCode <*ApprvlCd*>	[0..1]	Text		834
	LoyaltyTransactionIdentification <*LltyTxId*>	[0..1]	±		834
	HostReconciliationIdentification <*HstRcncltnId*>	[0..1]	Text		834
	Rebates <*Rbts*>	[0..1]			834
	TotalRebate <*TtlRbt*>	[0..1]	Amount		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		835
	SaleItemRebate <*SaleItmRbt*>	[0..*]			835
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836
	CustomerOrder <*CstmrOrdr*>	[0..*]	±		836

25.4.2.4.4.1 Response <Rspn>

Presence: [1..1]

Definition: Response for this specific transaction.

Response <Rspn> contains the following elements (see "ResponseType11" on page 1240 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	CodeSet		1240
	ResponseReason <*RspnRsn*>	[0..1]	CodeSet		1240
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1241

25.4.2.4.4.2 PaymentResponse <PmtRspn>

Presence: [0..1]

Definition: Data responded to a Payment request.

PaymentResponse <PmtRspn> contains the following **PaymentResponse4** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <*SaleTxId*>	[1..1]	±		827
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		828
	POITransactionIdentification <*POITxId*>	[1..1]	±		828
	POIReconciliationIdentification <*POIRcncltnId*>	[0..1]	Text		828
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		828
	RetailerPaymentResult <*RtlrPmtRslt*>	[1..1]	±		828
	PaymentReceipt <*PmtRct*>	[0..*]	±		831
	LoyaltyResult <*LltyRslt*>	[0..*]			831
	Account <*Acct*>	[1..1]	±		832
	Amount <*Amt*>	[0..1]			833
	Unit <*Unit*>	[0..1]	CodeSet		833
	Currency <*Ccy*>	[0..1]	CodeSet	C1	833
	Amount <*Amt*>	[1..1]	Amount		833
	ServerData <*SvrData*>	[0..1]			833
	LoyaltyServerIdentification <*LltySvrId*>	[0..1]	Text		834
	ApprovalCode <*ApprvlCd*>	[0..1]	Text		834
	LoyaltyTransactionIdentification <*LltyTxId*>	[0..1]	±		834
	HostReconciliationIdentification <*HstRcncltnId*>	[0..1]	Text		834
	Rebates <*Rbts*>	[0..1]			834
	TotalRebate <*TtlRbt*>	[0..1]	Amount		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		835
	SaleItemRebate <*SaleItmRbt*>	[0..*]			835
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836
	CustomerOrder <*CstmrOrdr*>	[0..*]	±		836

25.4.2.4.4.2.1 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

25.4.2.4.4.2.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

25.4.2.4.4.2.3 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

25.4.2.4.4.2.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 1392

25.4.2.4.4.2.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 1390

25.4.2.4.4.2.6 RetailerPaymentResult <RtlrPmtRslt>

Presence: [1..1]

Definition: Data related to the result of a processed payment transaction.

RetailerPaymentResult <RtlrPmtRslt> contains the following elements (see "RetailerPaymentResult4" on page 1209 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionType <*TxTp*>	[1..1]	CodeSet		1212
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		1213
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		1213
	RequestedTransaction <*ReqdTx*>	[0..1]	±		1214
	TransactionResponse <*TxRspn*>	[0..1]			1218
	AuthorisationResult <*AuthstnRslt*>	[1..1]			1221
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1221
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1221
	Response <*Rspn*>	[1..1]	CodeSet		1222
	ResponseReason <*RspnRsn*>	[0..1]	Text		1222
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1222
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1222
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1222
	TMSTrigger <*TMSTrggr*>	[0..1]			1223
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1223
	TMSIdentification <*TMSId*>	[0..1]	Text		1223
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1223
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1223
	Method <*Mtd*>	[1..1]	CodeSet		1224
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1225
	Result <*Rslt*>	[0..1]	CodeSet		1225
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1225
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1227

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1227
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1227
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1227
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1227
	Balance <*Bal*>	[0..1]	±		1229
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		1229
	Action <*Actn*>	[0..*]			1230
	ActionType <*ActnTp*>	[1..1]	CodeSet		1230
	MessageToPresent <*MsgToPres*>	[0..1]	±		1231
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			1231
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1232
	TargetCurrency <*TrgtCcy*>	[1..1]			1233
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1233
	NumericCode <*NmrcCd*>	[1..1]	Text		1233
	Decimal <*Dcml*>	[1..1]	Quantity		1233
	Name <*Nm*>	[0..1]	Text		1233
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1234
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1234
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1234
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1234
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1234
	SourceCurrency <*SrcCcy*>	[1..1]			1234
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1234
	NumericCode <*NmrcCd*>	[0..1]	Text		1235
	Decimal <*Dcml*>	[0..1]	Quantity		1235
	Name <*Nm*>	[0..1]	Text		1235
	OriginalAmount <*OrgnlAmt*>	[1..1]			1235
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1235
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1235
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1236
	CommissionDetails <*ComssnDtls*>	[0..*]			1236

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1236
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1236
	Rate <*Rate*>	[1..1]	Rate		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1237
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1237
	CustomerOrder <*CstmrOrdr*>	[0..*]	±		1237
	ImageCapturedSignature <*ImgCaptrdSgntr*>	[0..1]			1238
	ImageFormat <*ImgFrmt*>	[1..1]	Text		1238
	ImageData <*ImgData*>	[0..1]	Binary		1238
	ImageReference <*ImgRef*>	[0..1]	Text		1239
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1239
	ProtectedCapturedSignature <*PrtctdCaptrdSgntr*>	[0..1]	±		1239
	MerchantOverrideFlag <*MrchntOvrrdFlg*>	[0..1]	Indicator		1239
	CustomerLanguage <*CstmrLang*>	[0..1]	CodeSet	C3	1239
	OnlineFlag <*OnlnFlg*>	[0..1]	Indicator		1239

25.4.2.4.4.2.7 PaymentReceipt <PmtRct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following elements (see "PaymentReceipt4" on page 1118 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <*DocQlfr*>	[1..1]	CodeSet		1118
	IntegratedPrintFlag <*IntgrtdPrtFlg*>	[0..1]	Indicator		1119
	RequiredSignatureFlag <*ReqrdSgntrFlg*>	[0..1]	Indicator		1119
	OutputContent <*OutptCntt*>	[1..1]	±		1119

25.4.2.4.4.2.8 LoyaltyResult <LltyRslt>

Presence: [0..*]

Definition: Data related to the result of a processed loyalty transaction.

LoyaltyResult <LltyRslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Account <*Acct*>	[1..1]	±		832
	Amount <*Amt*>	[0..1]			833
	Unit <*Unit*>	[0..1]	CodeSet		833
	Currency <*Ccy*>	[0..1]	CodeSet	C1	833
	Amount <*Amt*>	[1..1]	Amount		833
	ServerData <*SvrData*>	[0..1]			833
	LoyaltyServerIdentification <*LltySvrId*>	[0..1]	Text		834
	ApprovalCode <*ApprvlCd*>	[0..1]	Text		834
	LoyaltyTransactionIdentification <*LltyTxId*>	[0..1]	±		834
	HostReconciliationIdentification <*HstRcncltnId*>	[0..1]	Text		834
	Rebates <*Rbts*>	[0..1]			834
	TotalRebate <*TtlRbt*>	[0..1]	Amount		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		835
	SaleItemRebate <*SaleItmRbt*>	[0..*]			835
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836

25.4.2.4.4.2.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 1181 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <*LltyId*>	[1..1]	Text		1182
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1182
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1183
	Brand <*Brnd*>	[0..1]	Text		1183
	Provider <*Prvdr*>	[0..1]	Text		1183
	OwnerName <*OwnrNm*>	[0..1]	Text		1183
	Unit <*Unit*>	[0..1]	CodeSet		1183
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1184
	Balance <*Bal*>	[0..1]	Amount		1184

25.4.2.4.4.2.8.2 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		833
	Currency <*Ccy*>	[0..1]	CodeSet	C1	833
	Amount <*Amt*>	[1..1]	Amount		833

25.4.2.4.4.2.8.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 1343

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

25.4.2.4.4.2.8.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

25.4.2.4.4.2.8.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

25.4.2.4.4.2.8.3 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 <*LltySvrId*>	[0..1]	Text		834
	ApprovalCode <*ApprvlCd*>	[0..1]	Text		834
	LoyaltyTransactionIdentification <*LltyTxId*>	[0..1]	±		834
	HostReconciliationIdentification <*HstRcncltnId*>	[0..1]	Text		834

25.4.2.4.4.2.8.3.1 LoyaltyServerIdentification <LltySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 1392

25.4.2.4.4.2.8.3.2 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 1395

25.4.2.4.4.2.8.3.3 LoyaltyTransactionIdentification <LltyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LltyTxId> contains the following elements (see "TransactionIdentifier1" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

25.4.2.4.4.2.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 1392

25.4.2.4.4.2.8.4 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		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		835
	SaleItemRebate <*SaleItmRbt*>	[0..*]			835
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836

25.4.2.4.4.2.8.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

25.4.2.4.4.2.8.4.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1392

25.4.2.4.4.2.8.4.3 SaleItemRebate <SaleItmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleItmRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleItem <*SaleItm*>	[1..1]	±		835
	RebateLabel <*RbtLabl*>	[0..1]	Text		836

25.4.2.4.4.2.8.4.3.1 SaleItem <SaleItm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

25.4.2.4.4.2.8.4.3.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1392

25.4.2.4.4.2.9 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 1242 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <*CstmrOrdrId*>	[1..1]	Text		1243
	SaleReferenceIdentification <*SaleRefId*>	[1..1]	Text		1243
	OpenOrderState <*OpnOrdrStat*>	[0..1]	Indicator		1243
	StartDate <*StartDt*>	[1..1]	DateTime		1243
	EndDate <*EndDt*>	[0..1]	DateTime		1243
	Unit <*Unit*>	[0..1]	CodeSet		1243
	ForecastedAmount <*FrcstdAmt*>	[1..1]	Amount		1243
	CurrentAmount <*CurAmt*>	[0..1]	Amount		1244
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1244
	AccessedBy <*AccsdBy*>	[0..1]	Text		1244
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1244

25.4.2.5 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		839
	TransactionTotalsSet <*TxTtlsSet*>	[0..*]			839
	PaymentInstrumentType <*PmtInstrmTp*>	[1..1]	CodeSet		841
	AcquirerIdentification <*AcqrrId*>	[0..1]	Text		841
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		841
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		841
	Brand <*Brnd*>	[0..1]	Text		841
	POIIdentification <*POIId*>	[0..1]	Text		841
	SaleIdentification <*SaleId*>	[0..1]	Text		842
	CashierIdentification <*CshrId*>	[0..1]	Text		842
	ShiftNumber <*ShftNb*>	[0..1]	Text		842
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			842
	CommonName <*CmonNm*>	[1..1]	Text		842
	Address <*Adr*>	[0..1]	Text		842
	CountryCode <*CtryCd*>	[1..1]	CodeSet		842
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		843
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		843
	TransactionTotal <*TxTtl*>	[1..1]			843
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		843
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		843
	Currency <*Ccy*>	[0..1]	CodeSet	C1	843
	Type <*Tp*>	[1..1]	CodeSet		844
	TotalNumber <*TtlNb*>	[1..1]	Quantity		844
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		844
	DetailedAmount <*DtldAmt*>	[0..1]	±		844
	LoyaltyTransactionTotal <*LltyTxTtl*>	[0..*]			845
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		845
	LoyaltyUnit <*LltyUnit*>	[0..1]	CodeSet		845
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		846
	Currency <*Ccy*>	[0..1]	CodeSet	C1	846

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionType <*TxTp*>	[1..1]	CodeSet		846
	TotalNumber <*TtlNb*>	[1..1]	Quantity		846
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		847
	DetailedAmount <*DtldAmt*>	[0..1]	±		847

25.4.2.5.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [1..1]

Definition: Identification of the reconciliation period between Sale and POI.

Datatype: "Max35Text" on page 1392

25.4.2.5.2 TransactionTotalsSet <TxTtlsSet>

Presence: [0..*]

Definition: Result of the Sale to POI Totals processing.

TransactionTotalsSet <TxTtlsSet> contains the following **TransactionTotalsSet1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentInstrumentType <*PmtInstrmTp*>	[1..1]	CodeSet		841
	AcquirerIdentification <*AcqrrId*>	[0..1]	Text		841
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		841
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		841
	Brand <*Brnd*>	[0..1]	Text		841
	POIIdentification <*POIId*>	[0..1]	Text		841
	SaleIdentification <*SaleId*>	[0..1]	Text		842
	CashierIdentification <*CshrId*>	[0..1]	Text		842
	ShiftNumber <*ShftNb*>	[0..1]	Text		842
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			842
	CommonName <*CmonNm*>	[1..1]	Text		842
	Address <*Adr*>	[0..1]	Text		842
	CountryCode <*CtryCd*>	[1..1]	CodeSet		842
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		843
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		843
	TransactionTotal <*TxTtl*>	[1..1]			843
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		843
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		843
	Currency <*Ccy*>	[0..1]	CodeSet	C1	843
	Type <*Tp*>	[1..1]	CodeSet		844
	TotalNumber <*TtlNb*>	[1..1]	Quantity		844
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		844
	DetailedAmount <*DtldAmt*>	[0..1]	±		844
	LoyaltyTransactionTotal <*LltyTxTtl*>	[0..*]			845
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		845
	LoyaltyUnit <*LltyUnit*>	[0..1]	CodeSet		845
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		846
	Currency <*Ccy*>	[0..1]	CodeSet	C1	846
	TransactionType <*TxTp*>	[1..1]	CodeSet		846
	TotalNumber <*TtlNb*>	[1..1]	Quantity		846
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		847

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DetailedAmount <*DtldAmt*>	[0..1]	±		847

25.4.2.5.2.1 PaymentInstrumentType <PmtInstrmTp>

Presence: [1..1]

Definition: Type of payment instrument.

Datatype: "PaymentInstrumentType1Code" on page 1371

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.

25.4.2.5.2.2 AcquirerIdentification <AcqrrId>

Presence: [0..1]

Definition: Identification of an Acquirer.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.3 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Identifier of a host reconciliation period: acquirer for a payment or server for loyalty.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.4 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period on the sale system.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.5 Brand <Brnd>

Presence: [0..1]

Definition: Brand of payment card or loyalty system.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.6 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.7 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 1392

25.4.2.5.2.8 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transactions.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.9 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 1391

25.4.2.5.2.10 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		842
	Address <*Adr*>	[0..1]	Text		842
	CountryCode <*CtryCd*>	[1..1]	CodeSet		842
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		843
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		843

25.4.2.5.2.10.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 1393

25.4.2.5.2.10.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 1390

25.4.2.5.2.10.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1361

25.4.2.5.2.10.4 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 1395

25.4.2.5.2.10.5 RegisteredIdentifier <RegdIdr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.11 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
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		843
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		843
	Currency <*Ccy*>	[0..1]	CodeSet	C1	843
	Type <*Tp*>	[1..1]	CodeSet		844
	TotalNumber <*TtlNb*>	[1..1]	Quantity		844
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		844
	DetailedAmount <*DtldAmt*>	[0..1]	±		844

25.4.2.5.2.11.1 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 1392

25.4.2.5.2.11.2 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

25.4.2.5.2.11.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

25.4.2.5.2.11.4 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals3Code" on page 1382

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.

25.4.2.5.2.11.5 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1388

25.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

25.4.2.5.2.11.7 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

25.4.2.5.2.12 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
	POIGroupIdentification <*POIGrpId*>	[0..1]	Text		845
	LoyaltyUnit <*LltyUnit*>	[0..1]	CodeSet		845
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		846
	Currency <*Ccy*>	[0..1]	CodeSet	C1	846
	TransactionType <*TxTp*>	[1..1]	CodeSet		846
	TotalNumber <*TtlNb*>	[1..1]	Quantity		846
	CumulativeAmount <*CmltvAmt*>	[1..1]	Amount		847
	DetailedAmount <*DtldAmt*>	[0..1]	±		847

25.4.2.5.2.12.1 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 1392

25.4.2.5.2.12.2 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 1343

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

25.4.2.5.2.12.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Cards category related to the acceptance processing rules defined by the Loyalty provider.

Datatype: "Max35Text" on page 1392

25.4.2.5.2.12.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

25.4.2.5.2.12.5 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of Loyalty transaction for Report.

Datatype: "LoyaltyTypeTransactionTotals1Code" on page 1364

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.

25.4.2.5.2.12.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1388

25.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

25.4.2.5.2.12.8 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

25.4.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 1240 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	CodeSet		1240
	ResponseReason <*RspnRsn*>	[0..1]	CodeSet		1240
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1241

25.4.2.7 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 1100 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PlaceAndName <*PlcAndNm*>	[0..1]	Text		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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 "ContentInformationType31" on page 1288 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

26 Message Items Types

26.1 MessageComponents

26.1.1 Acquirer

26.1.1.1 Acquirer10

Definition: Acquirer involved in the card payment.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	±		849
	ParametersVersion <*ParamsVrsn*>	[0..1]	Text		849

26.1.1.1.1 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 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

26.1.1.1.2 ParametersVersion <ParamsVrsn>

Presence: [0..1]

Definition: Version of the payment acquirer parameters of the POI.

Datatype: "Max256Text" on page 1391

26.1.2 Address

26.1.2.1 CommunicationAddress9

Definition: Communication information.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PostalAddress <*PstlAdr*>	[0..1]	±		850
	Email <*Email*>	[0..1]	Text		850
	URLAddress <*URLAdr*>	[0..1]	Text		851
	Phone <*Phne*>	[0..1]	Text		851
	CustomerService <*CstmrSvc*>	[0..1]	Text		851
	AdditionalContactInformation <*AddtlCtctInf*>	[0..1]	Text		851

26.1.2.1.1 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Postal address of the entity.

PostalAddress <PstlAdr> contains the following elements (see "PostalAddress22" on page 1267 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1268
	Department <*Dept*>	[0..1]	Text		1268
	SubDepartment <*SubDept*>	[0..1]	Text		1268
	AddressLine <*AdrLine*>	[0..2]	Text		1268
	StreetName <*StrtNm*>	[0..1]	Text		1269
	BuildingNumber <*BldgNb*>	[0..1]	Text		1269
	PostCode <*PstCd*>	[0..1]	Text		1269
	TownName <*TwnNm*>	[0..1]	Text		1269
	CountrySubDivision <*CtrySubDvsn*>	[0..2]	Text		1269
	CountryCode <*CtryCd*>	[0..1]	Text		1269

26.1.2.1.2 Email <Email>

Presence: [0..1]

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

Datatype: "Max256Text" on page 1391

26.1.2.1.3 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 1391

26.1.2.1.4 Phone <Phne>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 1395

26.1.2.1.5 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

Datatype: "PhoneNumber" on page 1395

26.1.2.1.6 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 1391

26.1.3 Amount

26.1.3.1 AmountAndDirection93

Definition: Signed amount.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		851
	Currency <*Ccy*>	[1..1]	CodeSet	C1	851
	Sign <*Sgn*>	[0..1]	Indicator		852

26.1.3.1.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.3.1.2 Currency <Ccy>

Presence: [1..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.3.1.3 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 1387):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

26.1.3.2 InstalmentAmountDetails1

Definition: Instalment amount details

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[0..1]	CodeSet		852
	OtherType <*OthrTp*>	[0..1]	Text		853
	SubType <*SubTp*>	[0..1]	Text		853
	Amount <*Amt*>	[0..1]	±		853
	Percentage <*Pctg*>	[0..1]	Rate		853

26.1.3.2.1 Type <Tp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "InstalmentAmountDetailsType1Code" on page 1360

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

CodeName	Name	Definition
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

26.1.3.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 1392

26.1.3.2.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: "Max35Text" on page 1392

26.1.3.2.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see "Amount5" on page 853 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		853
	Sign <*Sgn*>	[0..1]	Indicator		854

26.1.3.2.5 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 1388

26.1.3.3 Amount5

Definition: Signed amount in a given numeric currency

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		853
	Sign <*Sgn*>	[0..1]	Indicator		854

26.1.3.3.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.3.3.2 Sign <Sgn>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1387):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

26.1.3.4 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		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

26.1.3.4.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

Presence: [0..1]

Definition: Amount of purchase goods and services without tax.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.3.4.2 CashBack <CshBck>

Presence: [0..1]

Definition: Cash-back amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.3.4.3 Gratuity <Grtty>

Presence: [0..1]

Definition: Gratuity amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.3.4.4 Fees <Fees>

Presence: [0..*]

Definition: Fees amount.

Fees <Fees> contains the following elements (see "DetailedAmount4" on page 855 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		856
	Label <*Labl*>	[0..1]	Text		856

26.1.3.4.5 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 855 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		856
	Label <*Labl*>	[0..1]	Text		856

26.1.3.4.6 ValueAddedTax <ValAddedTax>

Presence: [0..*]

Definition: Value added tax amount.

ValueAddedTax <ValAddedTax> contains the following elements (see "DetailedAmount4" on page 855 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		856
	Label <*Labl*>	[0..1]	Text		856

26.1.3.4.7 Surcharge <Srchrg>

Presence: [0..*]

Definition: Additional charge paid by the cardholder. For example airline credit card surcharge.

Surcharge <Srchrg> contains the following elements (see "DetailedAmount4" on page 855 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		856
	Label <*Labl*>	[0..1]	Text		856

26.1.3.5 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		856
	Label <*Labl*>	[0..1]	Text		856

26.1.3.5.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.3.5.2 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1390

26.1.4 Card

26.1.4.1 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		856
	CardSequenceNumber <*CardSeqNb*>	[0..1]	Text		856
	EffectiveDate <*FctvDt*>	[0..1]	Text		857
	ExpiryDate <*XpryDt*>	[1..1]	Text		857
	ServiceCode <*SvcCd*>	[0..1]	Text		857
	Track1 <*Trck1*>	[0..1]	Text		857
	Track2 <*Trck2*>	[0..1]	Text		857
	Track3 <*Trck3*>	[0..1]	Text		857
	CardholderName <*CrdhldrNm*>	[0..1]	Text		857

26.1.4.1.1 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 1395

26.1.4.1.2 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 1394

26.1.4.1.3 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 1389

26.1.4.1.4 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 1389

26.1.4.1.5 ServiceCode <SvcCd>

Presence: [0..1]

Definition: Services attached to the card, as defined in ISO 7813.

Datatype: "Exact3NumericText" on page 1389

26.1.4.1.6 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 1393

26.1.4.1.7 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 1392

26.1.4.1.8 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 1389

26.1.4.1.9 CardholderName <CrdhldrNm>

Presence: [0..1]

Definition: Name of the cardholder stored on the card.

Datatype: "Max45Text" on page 1392

26.1.5 Card Transaction

26.1.5.1 GracePeriod1

Definition: Grace period applicable to an instalment plan.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Time <*Tm*>	[1..1]	Text		858
	UnitType <*UnitTp*>	[1..1]	CodeSet		858
	OtherUnitType <*OthrUnitTp*>	[0..1]	Text		858

26.1.5.1.1 Time <Tm>

Presence: [1..1]

Definition: Grace period time relative to the grace period unit type.

Datatype: "Max3NumericText" on page 1392

26.1.5.1.2 UnitType <UnitTp>

Presence: [1..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 1359

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.

26.1.5.1.3 OtherUnitType <OthrUnitTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 1392

26.1.5.2 CardPaymentTransaction122

Definition: Identification of the original transaction.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

26.1.5.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.2.2 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.5.2.3 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 1099 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1099
	Type <*Tp*>	[0..1]	CodeSet		1099
	Issuer <*Issr*>	[0..1]	CodeSet		1099
	ShortName <*ShrtNm*>	[0..1]	Text		1100

26.1.5.2.4 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.2.5 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1390

26.1.5.2.6 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1351

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.

26.1.5.2.7 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1353

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.

26.1.5.2.8 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1352

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.

26.1.5.2.9 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card information.

Datatype: "CardDataReading8Code" on page 1349

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.)

26.1.5.2.10 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]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

26.1.5.2.10.1 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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

26.1.5.2.10.2 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		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864

26.1.5.2.10.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

26.1.5.2.10.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

26.1.5.2.10.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

26.1.5.2.10.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Min6Max8Text" on page 1395

26.1.5.3 CardPaymentDataSetTransaction41

Definition: Completed card payment transaction to be captured in batch.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		869
	Traceability <*Tracblt*>	[0..*]	±		869
	Environment <*Envt*>	[1..1]	±		869
	Context <*Cntxt*>	[0..1]	±		875
	Transaction <*Tx*>	[1..1]			878
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		883
	TransactionType <*TxTp*>	[0..1]	CodeSet		883
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		884
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		884
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		885
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		885
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		885
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		885
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		885
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		886
	TransactionIdentification <*TxId*>	[1..1]	±		886
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		886
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		887
	Reversal <*Rvsl*>	[0..1]	Indicator		887
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		888
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		888
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		888
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		889
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		889
	InterchangeData <*IntrchngData*>	[0..1]	Text		889
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		889
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		889
	TransactionDetails <*TxDtls*>	[1..1]			889
	Currency <*Ccy*>	[0..1]	CodeSet	C1	891
	TotalAmount <*TtlAmt*>	[1..1]	Amount		892
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		892

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		892
	DetailedAmount <*DtldAmt*>	[0..1]	±		892
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		893
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		893
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		893
	ValidityDate <*VldtyDt*>	[0..1]	Date		893
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		893
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		894
	AccountType <*AcctTp*>	[0..1]	CodeSet		894
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			895
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		897
	Conversion <*Convs*>	[0..1]			897
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		898
	TargetCurrency <*TrgtCcy*>	[1..1]			899
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	899
	NumericCode <*NmrcCd*>	[1..1]	Text		899
	Decimal <*Dcml*>	[1..1]	Quantity		899
	Name <*Nm*>	[0..1]	Text		899
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		899
	ExchangeRate <*XchgRate*>	[1..1]	Rate		900
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		900
	QuotationDate <*QtnDt*>	[0..1]	DateTime		900
	ValidUntil <*VldUntil*>	[0..1]	DateTime		900
	SourceCurrency <*SrcCcy*>	[1..1]			900
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	900
	NumericCode <*NmrcCd*>	[0..1]	Text		901
	Decimal <*Dcml*>	[0..1]	Quantity		901
	Name <*Nm*>	[0..1]	Text		901
	OriginalAmount <*OrgnlAmt*>	[1..1]			901
	ActualAmount <*ActlAmt*>	[0..1]	Amount		901
	MinimumAmount <*MinAmt*>	[0..1]	Amount		901

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		902
	CommissionDetails <*ComssnDtls*>	[0..*]			902
	Amount <*Amt*>	[1..1]	Amount		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	MarkUpDetails <*MrkUpDtls*>	[0..*]			902
	Rate <*Rate*>	[1..1]	Rate		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		903
	Instalment <*Instlmt*>	[0..*]	±		903
	AggregationTransaction <*AggtnTx*>	[0..1]	±		904
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		905
	SaleItem <*SaleItm*>	[0..*]	±		905
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		906
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		906
	AdditionalInformation <*AddtlInf*>	[0..*]			906
	Identification <*Id*>	[1..1]	Text		907
	Value <*Val*>	[0..1]	Binary		907
	ProtectedValue <*PrtctdVal*>	[0..1]	±		907
	Type <*Tp*>	[0..1]	Text		907
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		907
	AuthorisationResult <*AuthstnRslt*>	[0..1]			908
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		908
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			908
	Response <*Rspn*>	[1..1]	CodeSet		909
	ResponseReason <*RspnRsn*>	[0..1]	Text		909
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		909
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		909
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			909
	Method <*Mtd*>	[1..1]	CodeSet		910
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		910
	Result <*Rslt*>	[0..1]	CodeSet		911

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		911
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		911
	AccountFrom <*AcctFr*>	[0..1]			911
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		912
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		913
	AccountName <*AcctNm*>	[0..1]	Text		913
	AccountOwner <*AcctOwnr*>	[0..1]			914
	Name <*Nm*>	[1..1]	Text		914
	Address <*Adr*>	[1..1]	±		914
	Currency <*Ccy*>	[0..1]	CodeSet	C1	914
	AccountIdentifier <*AcctIdr*>	[0..1]			915
{Or	Card <*Card*>	[1..1]	Text		915
Or	MSISDN <*MSISDN*>	[1..1]	Text		915
Or	EMail <*EMail*>	[1..1]	Text		915
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	915
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		916
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		916
Or	Domestic <*Dmst*>	[1..1]	Text		916
Or}	Other <*Othr*>	[1..1]	Text		916
	Servicer <*Svcr*>	[0..1]			916
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	917
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		917
	AccountTo <*AcctTo*>	[0..1]			917
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		918
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		919
	AccountName <*AcctNm*>	[0..1]	Text		919
	AccountOwner <*AcctOwnr*>	[0..1]			920
	Name <*Nm*>	[1..1]	Text		920
	Address <*Adr*>	[1..1]	±		920
	Currency <*Ccy*>	[0..1]	CodeSet	C1	920
	AccountIdentifier <*AcctIdr*>	[0..1]			921

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	Card <*Card*>	[1..1]	Text		921
Or	MSISDN <*MSISDN*>	[1..1]	Text		921
Or	EMail <*EMail*>	[1..1]	Text		921
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	921
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		922
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		922
Or	Domestic <*Dmst*>	[1..1]	Text		922
Or}	Other <*Othr*>	[1..1]	Text		922
	Servicer <*Svcr*>	[0..1]			922
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	923
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		923
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		923

26.1.5.3.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

26.1.5.3.2 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 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

26.1.5.3.3 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 "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

26.1.5.3.4 Context <Cntxt>

Presence: [0..1]

Definition: Data related to the context of the transaction.

Context <Cntxt> contains the following elements (see "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

26.1.5.3.5 Transaction <Tx>

Presence: [1..1]

Definition: Transaction information to be captured.

Transaction <Tx> contains the following **CardPaymentTransaction118** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		883
	TransactionType <*TxTp*>	[0..1]	CodeSet		883
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		884
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		884
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		885
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		885
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		885
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		885
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		885
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		886
	TransactionIdentification <*TxId*>	[1..1]	±		886
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		886
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		887
	Reversal <*Rvsl*>	[0..1]	Indicator		887
	MerchantOverride <*MrchntOvrrd*>	[0..1]	Indicator		888
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		888
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		888
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		889
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		889
	InterchangeData <*IntrchngData*>	[0..1]	Text		889
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		889
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		889
	TransactionDetails <*TxDtls*>	[1..1]			889
	Currency <*Ccy*>	[0..1]	CodeSet	C1	891
	TotalAmount <*TtlAmt*>	[1..1]	Amount		892
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		892
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		892
	DetailedAmount <*DtldAmt*>	[0..1]	±		892
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		893
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		893
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		893

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ValidityDate <*VldtyDt*>	[0..1]	Date		893
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		893
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		894
	AccountType <*AcctTp*>	[0..1]	CodeSet		894
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			895
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		897
	Conversion <*Convs*>	[0..1]			897
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		898
	TargetCurrency <*TrgtCcy*>	[1..1]			899
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	899
	NumericCode <*NmrcCd*>	[1..1]	Text		899
	Decimal <*Dcml*>	[1..1]	Quantity		899
	Name <*Nm*>	[0..1]	Text		899
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		899
	ExchangeRate <*XchgRate*>	[1..1]	Rate		900
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		900
	QuotationDate <*QtnDt*>	[0..1]	DateTime		900
	ValidUntil <*VldUntil*>	[0..1]	DateTime		900
	SourceCurrency <*SrcCcy*>	[1..1]			900
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	900
	NumericCode <*NmrcCd*>	[0..1]	Text		901
	Decimal <*Dcml*>	[0..1]	Quantity		901
	Name <*Nm*>	[0..1]	Text		901
	OriginalAmount <*OrgnlAmt*>	[1..1]			901
	ActualAmount <*ActlAmt*>	[0..1]	Amount		901
	MinimumAmount <*MinAmt*>	[0..1]	Amount		901
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		902
	CommissionDetails <*ComssnDtls*>	[0..*]			902
	Amount <*Amt*>	[1..1]	Amount		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	MarkUpDetails <*MrkUpDtls*>	[0..*]			902

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		903
	Instalment <*Instlmt*>	[0..*]	±		903
	AggregationTransaction <*AggtnTx*>	[0..1]	±		904
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		905
	SaleItem <*SaleItm*>	[0..*]	±		905
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		906
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		906
	AdditionalInformation <*AddtlInf*>	[0..*]			906
	Identification <*Id*>	[1..1]	Text		907
	Value <*Val*>	[0..1]	Binary		907
	ProtectedValue <*PrtctdVal*>	[0..1]	±		907
	Type <*Tp*>	[0..1]	Text		907
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		907
	AuthorisationResult <*AuthstnRslt*>	[0..1]			908
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		908
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			908
	Response <*Rspn*>	[1..1]	CodeSet		909
	ResponseReason <*RspnRsn*>	[0..1]	Text		909
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		909
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		909
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			909
	Method <*Mtd*>	[1..1]	CodeSet		910
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		910
	Result <*Rslt*>	[0..1]	CodeSet		911
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		911
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		911
	AccountFrom <*AcctFr*>	[0..1]			911
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		912
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		913

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccountName <*AcctNm*>	[0..1]	Text		913
	AccountOwner <*AcctOwnr*>	[0..1]			914
	Name <*Nm*>	[1..1]	Text		914
	Address <*Adr*>	[1..1]	±		914
	Currency <*Ccy*>	[0..1]	CodeSet	C1	914
	AccountIdentifier <*AcctIdr*>	[0..1]			915
{Or	Card <*Card*>	[1..1]	Text		915
Or	MSISDN <*MSISDN*>	[1..1]	Text		915
Or	EMail <*EMail*>	[1..1]	Text		915
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	915
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		916
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		916
Or	Domestic <*Dmst*>	[1..1]	Text		916
Or}	Other <*Othr*>	[1..1]	Text		916
	Servicer <*Svcr*>	[0..1]			916
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	917
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		917
	AccountTo <*AcctTo*>	[0..1]			917
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		918
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		919
	AccountName <*AcctNm*>	[0..1]	Text		919
	AccountOwner <*AcctOwnr*>	[0..1]			920
	Name <*Nm*>	[1..1]	Text		920
	Address <*Adr*>	[1..1]	±		920
	Currency <*Ccy*>	[0..1]	CodeSet	C1	920
	AccountIdentifier <*AcctIdr*>	[0..1]			921
{Or	Card <*Card*>	[1..1]	Text		921
Or	MSISDN <*MSISDN*>	[1..1]	Text		921
Or	EMail <*EMail*>	[1..1]	Text		921
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	921
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		922

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		922
Or	Domestic <*Dmst*>	[1..1]	Text		922
Or}	Other <*Othr*>	[1..1]	Text		922
	Servicer <*Svcr*>	[0..1]			922
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	923
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		923
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		923

26.1.5.3.5.1 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 1387):

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

26.1.5.3.5.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1351

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.

26.1.5.3.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1353

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.

26.1.5.3.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1352

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.

26.1.5.3.5.5 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 1387):

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

26.1.5.3.5.6 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 1395

26.1.5.3.5.7 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 1387):

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

26.1.5.3.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1392

26.1.5.3.5.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.3.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.3.5.11 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.5.3.5.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

26.1.5.3.5.13 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 1387):

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

26.1.5.3.5.14 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 1387):

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

26.1.5.3.5.15 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 1387):

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

26.1.5.3.5.16 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 1358

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.

26.1.5.3.5.17 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.3.5.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1390

26.1.5.3.5.19 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 1392

26.1.5.3.5.20 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

26.1.5.3.5.21 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 1390

26.1.5.3.5.22 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 1390

26.1.5.3.5.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	891
	TotalAmount <*TtlAmt*>	[1..1]	Amount		892
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		892
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		892
	DetailedAmount <*DtldAmt*>	[0..1]	±		892
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		893
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		893
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		893
	ValidityDate <*VldtyDt*>	[0..1]	Date		893
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		893
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		894
	AccountType <*AcctTp*>	[0..1]	CodeSet		894
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			895
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		897
	Conversion <*Convs*>	[0..1]			897
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		898
	TargetCurrency <*TrgtCcy*>	[1..1]			899
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	899
	NumericCode <*NmrcCd*>	[1..1]	Text		899
	Decimal <*Dcml*>	[1..1]	Quantity		899
	Name <*Nm*>	[0..1]	Text		899
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		899
	ExchangeRate <*XchgRate*>	[1..1]	Rate		900
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		900
	QuotationDate <*QtnDt*>	[0..1]	DateTime		900
	ValidUntil <*VldUntil*>	[0..1]	DateTime		900
	SourceCurrency <*SrcCcy*>	[1..1]			900
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	900
	NumericCode <*NmrcCd*>	[0..1]	Text		901
	Decimal <*Dcml*>	[0..1]	Quantity		901
	Name <*Nm*>	[0..1]	Text		901

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			901
	ActualAmount <*ActlAmt*>	[0..1]	Amount		901
	MinimumAmount <*MinAmt*>	[0..1]	Amount		901
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		902
	CommissionDetails <*ComssnDtls*>	[0..*]			902
	Amount <*Amt*>	[1..1]	Amount		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	MarkUpDetails <*MrkUpDtls*>	[0..*]			902
	Rate <*Rate*>	[1..1]	Rate		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		903
	Instalment <*Instlmt*>	[0..*]	±		903
	AggregationTransaction <*AggtnTx*>	[0..1]	±		904
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		905
	SaleItem <*SaleItm*>	[0..*]	±		905
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		906
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		906
	AdditionalInformation <*AddtlInf*>	[0..*]			906
	Identification <*Id*>	[1..1]	Text		907
	Value <*Val*>	[0..1]	Binary		907
	ProtectedValue <*PrtctdVal*>	[0..1]	±		907
	Type <*Tp*>	[0..1]	Text		907
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		907

26.1.5.3.5.23.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.3.5.23.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

26.1.5.3.5.23.5 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

26.1.5.3.5.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

26.1.5.3.5.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

26.1.5.3.5.23.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

26.1.5.3.5.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.3.5.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		897
	Conversion <*Convs*>	[0..1]			897
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		898
	TargetCurrency <*TrgtCcy*>	[1..1]			899
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	899
	NumericCode <*NmrcCd*>	[1..1]	Text		899
	Decimal <*Dcml*>	[1..1]	Quantity		899
	Name <*Nm*>	[0..1]	Text		899
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		899
	ExchangeRate <*XchgRate*>	[1..1]	Rate		900
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		900
	QuotationDate <*QtnDt*>	[0..1]	DateTime		900
	ValidUntil <*VldUntil*>	[0..1]	DateTime		900
	SourceCurrency <*SrcCcy*>	[1..1]			900
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	900
	NumericCode <*NmrcCd*>	[0..1]	Text		901
	Decimal <*Dcml*>	[0..1]	Quantity		901
	Name <*Nm*>	[0..1]	Text		901
	OriginalAmount <*OrgnlAmt*>	[1..1]			901
	ActualAmount <*ActlAmt*>	[0..1]	Amount		901
	MinimumAmount <*MinAmt*>	[0..1]	Amount		901
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		902
	CommissionDetails <*ComssnDtls*>	[0..*]			902
	Amount <*Amt*>	[1..1]	Amount		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	MarkUpDetails <*MrkUpDtls*>	[0..*]			902
	Rate <*Rate*>	[1..1]	Rate		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		903

26.1.5.3.5.23.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.5.3.5.23.13.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		898
	TargetCurrency <*TrgtCcy*>	[1..1]			899
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	899
	NumericCode <*NmrcCd*>	[1..1]	Text		899
	Decimal <*Dcml*>	[1..1]	Quantity		899
	Name <*Nm*>	[0..1]	Text		899
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		899
	ExchangeRate <*XchgRate*>	[1..1]	Rate		900
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		900
	QuotationDate <*QtnDt*>	[0..1]	DateTime		900
	ValidUntil <*VldUntil*>	[0..1]	DateTime		900
	SourceCurrency <*SrcCcy*>	[1..1]			900
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	900
	NumericCode <*NmrcCd*>	[0..1]	Text		901
	Decimal <*Dcml*>	[0..1]	Quantity		901
	Name <*Nm*>	[0..1]	Text		901
	OriginalAmount <*OrgnlAmt*>	[1..1]			901
	ActualAmount <*ActlAmt*>	[0..1]	Amount		901
	MinimumAmount <*MinAmt*>	[0..1]	Amount		901
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		902
	CommissionDetails <*ComssnDtls*>	[0..*]			902
	Amount <*Amt*>	[1..1]	Amount		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	MarkUpDetails <*MrkUpDtls*>	[0..*]			902
	Rate <*Rate*>	[1..1]	Rate		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		903

26.1.5.3.5.23.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.3.5.23.13.2.2 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	899
	NumericCode <*NmrcCd*>	[1..1]	Text		899
	Decimal <*Dcml*>	[1..1]	Quantity		899
	Name <*Nm*>	[0..1]	Text		899

26.1.5.3.5.23.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.3.5.23.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.3.5.23.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

26.1.5.3.5.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.3.5.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.13.2.4 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 1388

26.1.5.3.5.23.13.2.5 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 1388

26.1.5.3.5.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

26.1.5.3.5.23.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

26.1.5.3.5.23.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	900
	NumericCode <*NmrcCd*>	[0..1]	Text		901
	Decimal <*Dcml*>	[0..1]	Quantity		901
	Name <*Nm*>	[0..1]	Text		901

26.1.5.3.5.23.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.3.5.23.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.3.5.23.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

26.1.5.3.5.23.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.3.5.23.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		901
	MinimumAmount <*MinAmt*>	[0..1]	Amount		901
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		902

26.1.5.3.5.23.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902

26.1.5.3.5.23.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.3.5.23.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

26.1.5.3.5.23.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		902
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		902

26.1.5.3.5.23.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

26.1.5.3.5.23.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

26.1.5.3.5.23.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.5.3.5.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

26.1.5.3.5.23.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

26.1.5.3.5.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

26.1.5.3.5.23.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

26.1.5.3.5.23.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.3.5.23.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

26.1.5.3.5.23.20 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		907
	Value <*Val*>	[0..1]	Binary		907
	ProtectedValue <*PrtctdVal*>	[0..1]	±		907
	Type <*Tp*>	[0..1]	Text		907

26.1.5.3.5.23.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

26.1.5.3.5.23.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

26.1.5.3.5.23.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.5.3.5.23.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

26.1.5.3.5.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

26.1.5.3.5.24 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		908
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			908
	Response <*Rspn*>	[1..1]	CodeSet		909
	ResponseReason <*RspnRsn*>	[0..1]	Text		909
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		909
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		909

26.1.5.3.5.24.1 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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

26.1.5.3.5.24.2 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		909
	ResponseReason <*RspnRsn*>	[0..1]	Text		909
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		909

26.1.5.3.5.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

26.1.5.3.5.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

26.1.5.3.5.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

26.1.5.3.5.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

26.1.5.3.5.25 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		910
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		910
	Result <*Rslt*>	[0..1]	CodeSet		911
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		911

26.1.5.3.5.25.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1344

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.

26.1.5.3.5.25.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1344

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.

26.1.5.3.5.25.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1385

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.

26.1.5.3.5.25.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1393

26.1.5.3.5.26 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

26.1.5.3.5.27 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		912
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		913
	AccountName <*AcctNm*>	[0..1]	Text		913
	AccountOwner <*AcctOwnr*>	[0..1]			914
	Name <*Nm*>	[1..1]	Text		914
	Address <*Adr*>	[1..1]	±		914
	Currency <*Ccy*>	[0..1]	CodeSet	C1	914
	AccountIdentifier <*AcctIdr*>	[0..1]			915
{Or	Card <*Card*>	[1..1]	Text		915
Or	MSISDN <*MSISDN*>	[1..1]	Text		915
Or	EMail <*EMail*>	[1..1]	Text		915
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	915
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		916
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		916
Or	Domestic <*Dmst*>	[1..1]	Text		916
Or}	Other <*Othr*>	[1..1]	Text		916
	Servicer <*Svcr*>	[0..1]			916
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	917
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		917

26.1.5.3.5.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

26.1.5.3.5.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.3.5.27.3 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 1393

26.1.5.3.5.27.4 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		914
	Address <*Adr*>	[1..1]	±		914

26.1.5.3.5.27.4.1 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 1393

26.1.5.3.5.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

26.1.5.3.5.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.3.5.27.6 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		915
Or	MSISDN <*MSISDN*>	[1..1]	Text		915
Or	EMail <*EMail*>	[1..1]	Text		915
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	915
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		916
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		916
Or	Domestic <*Dmst*>	[1..1]	Text		916
Or}	Other <*Othr*>	[1..1]	Text		916

26.1.5.3.5.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

26.1.5.3.5.27.6.2 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 1390

26.1.5.3.5.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

26.1.5.3.5.27.6.4 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 1386

Constraints

- **IBAN**

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

26.1.5.3.5.27.6.5 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 1386

26.1.5.3.5.27.6.6 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 1387

26.1.5.3.5.27.6.7 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 1392

26.1.5.3.5.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

26.1.5.3.5.27.7 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	917
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		917

26.1.5.3.5.27.7.1 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 1386

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.

26.1.5.3.5.27.7.2 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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

26.1.5.3.5.28 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		918
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		919
	AccountName <*AcctNm*>	[0..1]	Text		919
	AccountOwner <*AcctOwnr*>	[0..1]			920
	Name <*Nm*>	[1..1]	Text		920
	Address <*Adr*>	[1..1]	±		920
	Currency <*Ccy*>	[0..1]	CodeSet	C1	920
	AccountIdentifier <*AcctIdr*>	[0..1]			921
{Or	Card <*Card*>	[1..1]	Text		921
Or	MSISDN <*MSISDN*>	[1..1]	Text		921
Or	EMail <*EMail*>	[1..1]	Text		921
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	921
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		922
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		922
Or	Domestic <*Dmst*>	[1..1]	Text		922
Or}	Other <*Othr*>	[1..1]	Text		922
	Servicer <*Svcr*>	[0..1]			922
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	923
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		923

26.1.5.3.5.28.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

26.1.5.3.5.28.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.3.5.28.3 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 1393

26.1.5.3.5.28.4 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		920
	Address <*Adr*>	[1..1]	±		920

26.1.5.3.5.28.4.1 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 1393

26.1.5.3.5.28.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

26.1.5.3.5.28.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.3.5.28.6 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		921
Or	MSISDN <*MSISDN*>	[1..1]	Text		921
Or	EMail <*EMail*>	[1..1]	Text		921
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	921
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		922
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		922
Or	Domestic <*Dmst*>	[1..1]	Text		922
Or}	Other <*Othr*>	[1..1]	Text		922

26.1.5.3.5.28.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

26.1.5.3.5.28.6.2 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 1390

26.1.5.3.5.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

26.1.5.3.5.28.6.4 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 1386

Constraints

- **IBAN**

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

26.1.5.3.5.28.6.5 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 1386

26.1.5.3.5.28.6.6 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 1387

26.1.5.3.5.28.6.7 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 1392

26.1.5.3.5.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

26.1.5.3.5.28.7 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	923
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		923

26.1.5.3.5.28.7.1 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 1386

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.

26.1.5.3.5.28.7.2 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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

26.1.5.3.5.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

26.1.5.4 CardPaymentDataSetTransaction40

Definition: Card payment transaction to be authorised in a batch.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		927
	Traceability <*Tracblt*>	[0..*]	±		927
	Environment <*Envt*>	[1..1]	±		928
	Context <*Cntxt*>	[0..1]	±		934
	Transaction <*Tx*>	[1..1]			937
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		941
	TransactionType <*TxTp*>	[0..1]	CodeSet		941
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		942
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		943
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		943
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		943
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		944
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		944
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		944
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		944
	TransactionIdentification <*TxId*>	[1..1]	±		944
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		944
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		945
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		945
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		945
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		946
	TransactionDetails <*TxDtls*>	[1..1]			946
	Currency <*Ccy*>	[0..1]	CodeSet	C1	948
	TotalAmount <*TtlAmt*>	[1..1]	Amount		949
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		949
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		949
	DetailedAmount <*DtldAmt*>	[0..1]	±		949
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		950
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		950
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		950
	ValidityDate <*VldtyDt*>	[0..1]	Date		950

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		950
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		951
	AccountType <*AcctTp*>	[0..1]	CodeSet		951
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			952
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		954
	Conversion <*Convs*>	[0..1]			954
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		955
	TargetCurrency <*TrgtCcy*>	[1..1]			956
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	956
	NumericCode <*NmrcCd*>	[1..1]	Text		956
	Decimal <*Dcml*>	[1..1]	Quantity		956
	Name <*Nm*>	[0..1]	Text		956
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		956
	ExchangeRate <*XchgRate*>	[1..1]	Rate		957
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		957
	QuotationDate <*QtnDt*>	[0..1]	DateTime		957
	ValidUntil <*VldUntil*>	[0..1]	DateTime		957
	SourceCurrency <*SrcCcy*>	[1..1]			957
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	957
	NumericCode <*NmrcCd*>	[0..1]	Text		958
	Decimal <*Dcml*>	[0..1]	Quantity		958
	Name <*Nm*>	[0..1]	Text		958
	OriginalAmount <*OrgnlAmt*>	[1..1]			958
	ActualAmount <*ActlAmt*>	[0..1]	Amount		958
	MinimumAmount <*MinAmt*>	[0..1]	Amount		958
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		959
	CommissionDetails <*ComssnDtls*>	[0..*]			959
	Amount <*Amt*>	[1..1]	Amount		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	MarkUpDetails <*MrkUpDtls*>	[0..*]			959
	Rate <*Rate*>	[1..1]	Rate		959

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		960
	Instalment <*Instlmt*>	[0..*]	±		960
	AggregationTransaction <*AggtnTx*>	[0..1]	±		961
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		962
	SaleItem <*SaleItm*>	[0..*]	±		962
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		963
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		963
	AdditionalInformation <*AddtlInf*>	[0..*]			963
	Identification <*Id*>	[1..1]	Text		964
	Value <*Val*>	[0..1]	Binary		964
	ProtectedValue <*PrtctdVal*>	[0..1]	±		964
	Type <*Tp*>	[0..1]	Text		964
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		964
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		965
	AccountFrom <*AcctFr*>	[0..1]			965
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		965
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		966
	AccountName <*AcctNm*>	[0..1]	Text		967
	AccountOwner <*AcctOwnr*>	[0..1]			967
	Name <*Nm*>	[1..1]	Text		967
	Address <*Adr*>	[1..1]	±		967
	Currency <*Ccy*>	[0..1]	CodeSet	C1	968
	AccountIdentifier <*AcctIdr*>	[0..1]			968
{Or	Card <*Card*>	[1..1]	Text		969
Or	MSISDN <*MSISDN*>	[1..1]	Text		969
Or	EMail <*EMail*>	[1..1]	Text		969
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	969
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		970
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		970
Or	Domestic <*Dmst*>	[1..1]	Text		970

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or}	Other <*Othr*>	[1..1]	Text		970
	Servicer <*Svcr*>	[0..1]			970
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	970
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		971
	AccountTo <*AcctTo*>	[0..1]			971
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		972
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		973
	AccountName <*AcctNm*>	[0..1]	Text		973
	AccountOwner <*AcctOwnr*>	[0..1]			974
	Name <*Nm*>	[1..1]	Text		974
	Address <*Adr*>	[1..1]	±		974
	Currency <*Ccy*>	[0..1]	CodeSet	C1	974
	AccountIdentifier <*AcctIdr*>	[0..1]			975
{Or	Card <*Card*>	[1..1]	Text		975
Or	MSISDN <*MSISDN*>	[1..1]	Text		975
Or	EMail <*EMail*>	[1..1]	Text		975
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	975
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		976
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		976
Or	Domestic <*Dmst*>	[1..1]	Text		976
Or}	Other <*Othr*>	[1..1]	Text		976
	Servicer <*Svcr*>	[0..1]			976
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	977
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		977
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		977

26.1.5.4.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

26.1.5.4.2 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 <TracbIt> contains the following elements (see "Traceability8" on page 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

26.1.5.4.3 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 "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

26.1.5.4.4 Context <Cntxt>

Presence: [0..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

26.1.5.4.5 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction to authorise.

Transaction <Tx> contains the following **CardPaymentTransaction119** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[1..1]	Indicator		941
	TransactionType <*TxTp*>	[0..1]	CodeSet		941
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		942
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		943
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		943
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		943
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		944
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		944
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		944
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		944
	TransactionIdentification <*TxId*>	[1..1]	±		944
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		944
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		945
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		945
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		945
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		946
	TransactionDetails <*TxDtls*>	[1..1]			946
	Currency <*Ccy*>	[0..1]	CodeSet	C1	948
	TotalAmount <*TtlAmt*>	[1..1]	Amount		949
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		949
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		949
	DetailedAmount <*DtldAmt*>	[0..1]	±		949
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		950
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		950
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		950
	ValidityDate <*VldtyDt*>	[0..1]	Date		950
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		950
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		951
	AccountType <*AcctTp*>	[0..1]	CodeSet		951
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			952
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		954

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Conversion <*Convs*>	[0..1]			954
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		955
	TargetCurrency <*TrgtCcy*>	[1..1]			956
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	956
	NumericCode <*NmrcCd*>	[1..1]	Text		956
	Decimal <*Dcml*>	[1..1]	Quantity		956
	Name <*Nm*>	[0..1]	Text		956
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		956
	ExchangeRate <*XchgRate*>	[1..1]	Rate		957
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		957
	QuotationDate <*QtnDt*>	[0..1]	DateTime		957
	ValidUntil <*VldUntil*>	[0..1]	DateTime		957
	SourceCurrency <*SrcCcy*>	[1..1]			957
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	957
	NumericCode <*NmrcCd*>	[0..1]	Text		958
	Decimal <*Dcml*>	[0..1]	Quantity		958
	Name <*Nm*>	[0..1]	Text		958
	OriginalAmount <*OrgnlAmt*>	[1..1]			958
	ActualAmount <*ActlAmt*>	[0..1]	Amount		958
	MinimumAmount <*MinAmt*>	[0..1]	Amount		958
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		959
	CommissionDetails <*ComssnDtls*>	[0..*]			959
	Amount <*Amt*>	[1..1]	Amount		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	MarkUpDetails <*MrkUpDtls*>	[0..*]			959
	Rate <*Rate*>	[1..1]	Rate		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		960
	Instalment <*Instlmt*>	[0..*]	±		960
	AggregationTransaction <*AggtnTx*>	[0..1]	±		961
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		962

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleItem <*SaleItm*>	[0..*]	±		962
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		963
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		963
	AdditionalInformation <*AddtlInf*>	[0..*]			963
	Identification <*Id*>	[1..1]	Text		964
	Value <*Val*>	[0..1]	Binary		964
	ProtectedValue <*PrtctdVal*>	[0..1]	±		964
	Type <*Tp*>	[0..1]	Text		964
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		964
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		965
	AccountFrom <*AcctFr*>	[0..1]			965
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		965
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		966
	AccountName <*AcctNm*>	[0..1]	Text		967
	AccountOwner <*AcctOwnr*>	[0..1]			967
	Name <*Nm*>	[1..1]	Text		967
	Address <*Adr*>	[1..1]	±		967
	Currency <*Ccy*>	[0..1]	CodeSet	C1	968
	AccountIdentifier <*AcctIdr*>	[0..1]			968
{Or	Card <*Card*>	[1..1]	Text		969
Or	MSISDN <*MSISDN*>	[1..1]	Text		969
Or	EMail <*EMail*>	[1..1]	Text		969
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	969
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		970
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		970
Or	Domestic <*Dmst*>	[1..1]	Text		970
Or}	Other <*Othr*>	[1..1]	Text		970
	Servicer <*Svcr*>	[0..1]			970
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	970
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		971
	AccountTo <*AcctTo*>	[0..1]			971

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SelectionMethod <*SelctnMtd*>	[0..1]	CodeSet		972
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		973
	AccountName <*AcctNm*>	[0..1]	Text		973
	AccountOwner <*AcctOwnr*>	[0..1]			974
	Name <*Nm*>	[1..1]	Text		974
	Address <*Adr*>	[1..1]	±		974
	Currency <*Ccy*>	[0..1]	CodeSet	C1	974
	AccountIdentifier <*AcctIdr*>	[0..1]			975
{Or	Card <*Card*>	[1..1]	Text		975
Or	MSISDN <*MSISDN*>	[1..1]	Text		975
Or	EMail <*EMail*>	[1..1]	Text		975
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	975
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		976
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		976
Or	Domestic <*Dmst*>	[1..1]	Text		976
Or}	Other <*Othr*>	[1..1]	Text		976
	Servicer <*Svcr*>	[0..1]			976
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	977
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		977
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		977

26.1.5.4.5.1 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 1387):

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

26.1.5.4.5.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 1351

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.

26.1.5.4.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1353

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.

CodeName	Name	Definition
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.

26.1.5.4.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1352

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.

26.1.5.4.5.5 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 1387):

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

26.1.5.4.5.6 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 1395

26.1.5.4.5.7 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 1387):

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

26.1.5.4.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1392

26.1.5.4.5.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.4.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.4.5.11 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.5.4.5.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

26.1.5.4.5.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.4.5.14 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 1392

26.1.5.4.5.15 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 1390

26.1.5.4.5.16 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 1390

26.1.5.4.5.17 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	948
	TotalAmount <*TtlAmt*>	[1..1]	Amount		949
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		949
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		949
	DetailedAmount <*DtldAmt*>	[0..1]	±		949
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		950
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		950
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		950
	ValidityDate <*VldtyDt*>	[0..1]	Date		950
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		950
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		951
	AccountType <*AcctTp*>	[0..1]	CodeSet		951
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			952
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		954
	Conversion <*Convs*>	[0..1]			954
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		955
	TargetCurrency <*TrgtCcy*>	[1..1]			956
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	956
	NumericCode <*NmrcCd*>	[1..1]	Text		956
	Decimal <*Dcml*>	[1..1]	Quantity		956
	Name <*Nm*>	[0..1]	Text		956
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		956
	ExchangeRate <*XchgRate*>	[1..1]	Rate		957
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		957
	QuotationDate <*QtnDt*>	[0..1]	DateTime		957
	ValidUntil <*VldUntil*>	[0..1]	DateTime		957
	SourceCurrency <*SrcCcy*>	[1..1]			957
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	957
	NumericCode <*NmrcCd*>	[0..1]	Text		958
	Decimal <*Dcml*>	[0..1]	Quantity		958
	Name <*Nm*>	[0..1]	Text		958

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			958
	ActualAmount <*ActlAmt*>	[0..1]	Amount		958
	MinimumAmount <*MinAmt*>	[0..1]	Amount		958
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		959
	CommissionDetails <*ComssnDtls*>	[0..*]			959
	Amount <*Amt*>	[1..1]	Amount		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	MarkUpDetails <*MrkUpDtls*>	[0..*]			959
	Rate <*Rate*>	[1..1]	Rate		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		960
	Instalment <*Instlmt*>	[0..*]	±		960
	AggregationTransaction <*AggtnTx*>	[0..1]	±		961
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		962
	SaleItem <*SaleItm*>	[0..*]	±		962
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		963
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		963
	AdditionalInformation <*AddtlInf*>	[0..*]			963
	Identification <*Id*>	[1..1]	Text		964
	Value <*Val*>	[0..1]	Binary		964
	ProtectedValue <*PrtctdVal*>	[0..1]	±		964
	Type <*Tp*>	[0..1]	Text		964
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		964

26.1.5.4.5.17.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.4.5.17.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

26.1.5.4.5.17.5 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

26.1.5.4.5.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

26.1.5.4.5.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

26.1.5.4.5.17.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

26.1.5.4.5.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.4.5.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		954
	Conversion <*Convs*>	[0..1]			954
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		955
	TargetCurrency <*TrgtCcy*>	[1..1]			956
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	956
	NumericCode <*NmrcCd*>	[1..1]	Text		956
	Decimal <*Dcml*>	[1..1]	Quantity		956
	Name <*Nm*>	[0..1]	Text		956
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		956
	ExchangeRate <*XchgRate*>	[1..1]	Rate		957
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		957
	QuotationDate <*QtnDt*>	[0..1]	DateTime		957
	ValidUntil <*VldUntil*>	[0..1]	DateTime		957
	SourceCurrency <*SrcCcy*>	[1..1]			957
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	957
	NumericCode <*NmrcCd*>	[0..1]	Text		958
	Decimal <*Dcml*>	[0..1]	Quantity		958
	Name <*Nm*>	[0..1]	Text		958
	OriginalAmount <*OrgnlAmt*>	[1..1]			958
	ActualAmount <*ActlAmt*>	[0..1]	Amount		958
	MinimumAmount <*MinAmt*>	[0..1]	Amount		958
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		959
	CommissionDetails <*ComssnDtls*>	[0..*]			959
	Amount <*Amt*>	[1..1]	Amount		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	MarkUpDetails <*MrkUpDtls*>	[0..*]			959
	Rate <*Rate*>	[1..1]	Rate		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		960

26.1.5.4.5.17.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.5.4.5.17.13.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		955
	TargetCurrency <*TrgtCcy*>	[1..1]			956
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	956
	NumericCode <*NmrcCd*>	[1..1]	Text		956
	Decimal <*Dcml*>	[1..1]	Quantity		956
	Name <*Nm*>	[0..1]	Text		956
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		956
	ExchangeRate <*XchgRate*>	[1..1]	Rate		957
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		957
	QuotationDate <*QtnDt*>	[0..1]	DateTime		957
	ValidUntil <*VldUntil*>	[0..1]	DateTime		957
	SourceCurrency <*SrcCcy*>	[1..1]			957
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	957
	NumericCode <*NmrcCd*>	[0..1]	Text		958
	Decimal <*Dcml*>	[0..1]	Quantity		958
	Name <*Nm*>	[0..1]	Text		958
	OriginalAmount <*OrgnlAmt*>	[1..1]			958
	ActualAmount <*ActlAmt*>	[0..1]	Amount		958
	MinimumAmount <*MinAmt*>	[0..1]	Amount		958
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		959
	CommissionDetails <*ComssnDtls*>	[0..*]			959
	Amount <*Amt*>	[1..1]	Amount		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	MarkUpDetails <*MrkUpDtls*>	[0..*]			959
	Rate <*Rate*>	[1..1]	Rate		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		960

26.1.5.4.5.17.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.4.5.17.13.2.2 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	956
	NumericCode <*NmrcCd*>	[1..1]	Text		956
	Decimal <*Dcml*>	[1..1]	Quantity		956
	Name <*Nm*>	[0..1]	Text		956

26.1.5.4.5.17.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.4.5.17.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.4.5.17.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

26.1.5.4.5.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.4.5.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.13.2.4 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 1388

26.1.5.4.5.17.13.2.5 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 1388

26.1.5.4.5.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

26.1.5.4.5.17.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

26.1.5.4.5.17.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	957
	NumericCode <*NmrcCd*>	[0..1]	Text		958
	Decimal <*Dcml*>	[0..1]	Quantity		958
	Name <*Nm*>	[0..1]	Text		958

26.1.5.4.5.17.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.4.5.17.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.4.5.17.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

26.1.5.4.5.17.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.4.5.17.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		958
	MinimumAmount <*MinAmt*>	[0..1]	Amount		958
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		959

26.1.5.4.5.17.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959

26.1.5.4.5.17.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.4.5.17.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

26.1.5.4.5.17.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		959
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		959

26.1.5.4.5.17.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

26.1.5.4.5.17.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

26.1.5.4.5.17.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.5.4.5.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

26.1.5.4.5.17.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

26.1.5.4.5.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

26.1.5.4.5.17.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

26.1.5.4.5.17.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.4.5.17.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

26.1.5.4.5.17.20 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		964
	Value <*Val*>	[0..1]	Binary		964
	ProtectedValue <*PrtctdVal*>	[0..1]	±		964
	Type <*Tp*>	[0..1]	Text		964

26.1.5.4.5.17.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

26.1.5.4.5.17.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

26.1.5.4.5.17.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.5.4.5.17.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

26.1.5.4.5.17.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

26.1.5.4.5.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

26.1.5.4.5.19 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		965
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		966
	AccountName <*AcctNm*>	[0..1]	Text		967
	AccountOwner <*AcctOwnr*>	[0..1]			967
	Name <*Nm*>	[1..1]	Text		967
	Address <*Adr*>	[1..1]	±		967
	Currency <*Ccy*>	[0..1]	CodeSet	C1	968
	AccountIdentifier <*AcctIdr*>	[0..1]			968
{Or	Card <*Card*>	[1..1]	Text		969
Or	MSISDN <*MSISDN*>	[1..1]	Text		969
Or	EMail <*EMail*>	[1..1]	Text		969
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	969
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		970
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		970
Or	Domestic <*Dmst*>	[1..1]	Text		970
Or}	Other <*Othr*>	[1..1]	Text		970
	Servicer <*Svcr*>	[0..1]			970
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	970
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		971

26.1.5.4.5.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

26.1.5.4.5.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.4.5.19.3 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 1393

26.1.5.4.5.19.4 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		967
	Address <*Adr*>	[1..1]	±		967

26.1.5.4.5.19.4.1 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 1393

26.1.5.4.5.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

26.1.5.4.5.19.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.4.5.19.6 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		969
Or	MSISDN <*MSISDN*>	[1..1]	Text		969
Or	EMail <*EMail*>	[1..1]	Text		969
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	969
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		970
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		970
Or	Domestic <*Dmst*>	[1..1]	Text		970
Or}	Other <*Othr*>	[1..1]	Text		970

26.1.5.4.5.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

26.1.5.4.5.19.6.2 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 1390

26.1.5.4.5.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

26.1.5.4.5.19.6.4 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 1386

Constraints

- **IBAN**

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

26.1.5.4.5.19.6.5 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 1386

26.1.5.4.5.19.6.6 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 1387

26.1.5.4.5.19.6.7 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 1392

26.1.5.4.5.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

26.1.5.4.5.19.7 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	970
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		971

26.1.5.4.5.19.7.1 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 1386

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.

26.1.5.4.5.19.7.2 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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

26.1.5.4.5.20 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		972
	SelectedAccountType <*SelctdAcctTp*>	[0..1]	CodeSet		973
	AccountName <*AcctNm*>	[0..1]	Text		973
	AccountOwner <*AcctOwnr*>	[0..1]			974
	Name <*Nm*>	[1..1]	Text		974
	Address <*Adr*>	[1..1]	±		974
	Currency <*Ccy*>	[0..1]	CodeSet	C1	974
	AccountIdentifier <*AcctIdr*>	[0..1]			975
{Or	Card <*Card*>	[1..1]	Text		975
Or	MSISDN <*MSISDN*>	[1..1]	Text		975
Or	EMail <*EMail*>	[1..1]	Text		975
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	975
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		976
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		976
Or	Domestic <*Dmst*>	[1..1]	Text		976
Or}	Other <*Othr*>	[1..1]	Text		976
	Servicer <*Svcr*>	[0..1]			976
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	977
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		977

26.1.5.4.5.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1333

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.

26.1.5.4.5.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.4.5.20.3 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 1393

26.1.5.4.5.20.4 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		974
	Address <*Adr*>	[1..1]	±		974

26.1.5.4.5.20.4.1 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 1393

26.1.5.4.5.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 1265 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

26.1.5.4.5.20.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.4.5.20.6 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		975
Or	MSISDN <*MSISDN*>	[1..1]	Text		975
Or	EMail <*EMail*>	[1..1]	Text		975
Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	975
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		976
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		976
Or	Domestic <*Dmst*>	[1..1]	Text		976
Or}	Other <*Othr*>	[1..1]	Text		976

26.1.5.4.5.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1395

26.1.5.4.5.20.6.2 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 1390

26.1.5.4.5.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1391

26.1.5.4.5.20.6.4 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 1386

Constraints

- **IBAN**

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

26.1.5.4.5.20.6.5 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 1386

26.1.5.4.5.20.6.6 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 1387

26.1.5.4.5.20.6.7 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 1392

26.1.5.4.5.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1392

26.1.5.4.5.20.7 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	977
Or}	ProprietaryIdentification <*PrtryId*>	[1..1]	±		977

26.1.5.4.5.20.7.1 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 1386

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.

26.1.5.4.5.20.7.2 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 1089 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

26.1.5.4.5.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

26.1.5.5 CardPaymentTransaction120

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		981
	TransactionType <*TxTp*>	[1..1]	CodeSet		982
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		982
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		983
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		983
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		984
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		984
	TransactionIdentification <*TxId*>	[1..1]	±		984
	OriginalTransaction <*OrgnlTx*>	[0..1]			984
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		986
	TransactionIdentification <*TxId*>	[1..1]	±		986
	POIIdentification <*POIId*>	[1..1]	±		986
	CurrencyConversion <*CcyConvs*>	[0..1]			986
	Result <*Rslt*>	[1..1]	CodeSet		988
	ResultReason <*RsltRsn*>	[0..1]	Text		988
	ConversionDetails <*ConvsDtls*>	[0..*]			988
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		989
	TargetCurrency <*TrgtCcy*>	[1..1]			990
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	990
	NumericCode <*NmrcCd*>	[1..1]	Text		990
	Decimal <*Dcml*>	[1..1]	Quantity		990
	Name <*Nm*>	[0..1]	Text		990
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		990
	ExchangeRate <*XchgRate*>	[1..1]	Rate		991
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		991
	QuotationDate <*QtnDt*>	[0..1]	DateTime		991
	ValidUntil <*VldUntil*>	[0..1]	DateTime		991
	SourceCurrency <*SrcCcy*>	[1..1]			991
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	991
	NumericCode <*NmrcCd*>	[0..1]	Text		992
	Decimal <*Dcml*>	[0..1]	Quantity		992

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Name <*Nm*>	[0..1]	Text		992
	OriginalAmount <*OrgnlAmt*>	[1..1]			992
	ActualAmount <*ActlAmt*>	[0..1]	Amount		992
	MinimumAmount <*MinAmt*>	[0..1]	Amount		992
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		993
	CommissionDetails <*ComssnDtls*>	[0..*]			993
	Amount <*Amt*>	[1..1]	Amount		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	MarkUpDetails <*MrkUpDtls*>	[0..*]			993
	Rate <*Rate*>	[1..1]	Rate		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		994
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		994
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		994
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		994
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		995
	TransactionDetails <*TxDtls*>	[1..1]			995
	Currency <*Ccy*>	[0..1]	CodeSet	C1	997
	TotalAmount <*TtlAmt*>	[1..1]	Amount		998
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		998
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		998
	DetailedAmount <*DtldAmt*>	[0..1]	±		998
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		999
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		999
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		999
	ValidityDate <*VldtyDt*>	[0..1]	Date		999
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		999
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1000
	AccountType <*AcctTp*>	[0..1]	CodeSet		1000
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1001
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1003

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Conversion <*Convs*>	[0..1]			1003
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1004
	TargetCurrency <*TrgtCcy*>	[1..1]			1005
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1005
	NumericCode <*NmrcCd*>	[1..1]	Text		1005
	Decimal <*Dcml*>	[1..1]	Quantity		1005
	Name <*Nm*>	[0..1]	Text		1005
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1005
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1006
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1006
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1006
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1006
	SourceCurrency <*SrcCcy*>	[1..1]			1006
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1006
	NumericCode <*NmrcCd*>	[0..1]	Text		1007
	Decimal <*Dcml*>	[0..1]	Quantity		1007
	Name <*Nm*>	[0..1]	Text		1007
	OriginalAmount <*OrgnlAmt*>	[1..1]			1007
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1007
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1007
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1008
	CommissionDetails <*ComssnDtls*>	[0..*]			1008
	Amount <*Amt*>	[1..1]	Amount		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1008
	Rate <*Rate*>	[1..1]	Rate		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1009
	Instalment <*Instlmt*>	[0..*]	±		1009
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1010
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1011

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleItem <*SaleItm*>	[0..*]	±		1011
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1012
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1012
	AdditionalInformation <*AddtlInf*>	[0..*]			1012
	Identification <*Id*>	[1..1]	Text		1013
	Value <*Val*>	[0..1]	Binary		1013
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1013
	Type <*Tp*>	[0..1]	Text		1013
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1013
	AuthorisationResult <*AuthstnRslt*>	[0..1]			1014
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1014
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1014
	Response <*Rspn*>	[1..1]	CodeSet		1015
	ResponseReason <*RspnRsn*>	[0..1]	Text		1015
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1015
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1015
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		1015
	CustomerOrder <*CstmrOrdr*>	[0..1]	±		1015
	CustomerToken <*CstmrTkn*>	[0..1]	±		1016
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		1017
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		1017
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		1017
	SaleToPOIData <*SaleToPOIData*>	[0..1]	Text		1017
	SaleToAcquirerData <*SaleToAcqrrData*>	[0..1]	Text		1017
	SaleToIssuerData <*SaleToIssrData*>	[0..1]	Text		1017
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		1017

26.1.5.5.1 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 1387):

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

26.1.5.5.2 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: "CardPaymentServiceType5Code" on page 1352

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.

26.1.5.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1353

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.

CodeName	Name	Definition
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.

26.1.5.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1352

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.

26.1.5.5.5 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 1387):

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

26.1.5.5.6 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 1395

26.1.5.5.7 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.5.8 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.5.5.9 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction123** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		986
	TransactionIdentification <*TxId*>	[1..1]	±		986
	POIIdentification <*POIId*>	[1..1]	±		986
	CurrencyConversion <*CcyConvs*>	[0..1]			986
	Result <*Rslt*>	[1..1]	CodeSet		988
	ResultReason <*RsltRsn*>	[0..1]	Text		988
	ConversionDetails <*ConvsDtls*>	[0..*]			988
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		989
	TargetCurrency <*TrgtCcy*>	[1..1]			990
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	990
	NumericCode <*NmrcCd*>	[1..1]	Text		990
	Decimal <*Dcml*>	[1..1]	Quantity		990
	Name <*Nm*>	[0..1]	Text		990
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		990
	ExchangeRate <*XchgRate*>	[1..1]	Rate		991
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		991
	QuotationDate <*QtnDt*>	[0..1]	DateTime		991
	ValidUntil <*VldUntil*>	[0..1]	DateTime		991
	SourceCurrency <*SrcCcy*>	[1..1]			991
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	991
	NumericCode <*NmrcCd*>	[0..1]	Text		992
	Decimal <*Dcml*>	[0..1]	Quantity		992
	Name <*Nm*>	[0..1]	Text		992
	OriginalAmount <*OrgnlAmt*>	[1..1]			992
	ActualAmount <*ActlAmt*>	[0..1]	Amount		992
	MinimumAmount <*MinAmt*>	[0..1]	Amount		992
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		993
	CommissionDetails <*ComssnDtls*>	[0..*]			993
	Amount <*Amt*>	[1..1]	Amount		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	MarkUpDetails <*MrkUpDtls*>	[0..*]			993

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		994

26.1.5.5.9.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.5.9.2 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.5.5.9.3 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 1099 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1099
	Type <*Tp*>	[0..1]	CodeSet		1099
	Issuer <*Issr*>	[0..1]	CodeSet		1099
	ShortName <*ShrtNm*>	[0..1]	Text		1100

26.1.5.5.9.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion25** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Result <*Rslt*>	[1..1]	CodeSet		988
	ResultReason <*RsltRsn*>	[0..1]	Text		988
	ConversionDetails <*ConvsDtls*>	[0..*]			988
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		989
	TargetCurrency <*TrgtCcy*>	[1..1]			990
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	990
	NumericCode <*NmrcCd*>	[1..1]	Text		990
	Decimal <*Dcml*>	[1..1]	Quantity		990
	Name <*Nm*>	[0..1]	Text		990
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		990
	ExchangeRate <*XchgRate*>	[1..1]	Rate		991
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		991
	QuotationDate <*QtnDt*>	[0..1]	DateTime		991
	ValidUntil <*VldUntil*>	[0..1]	DateTime		991
	SourceCurrency <*SrcCcy*>	[1..1]			991
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	991
	NumericCode <*NmrcCd*>	[0..1]	Text		992
	Decimal <*Dcml*>	[0..1]	Quantity		992
	Name <*Nm*>	[0..1]	Text		992
	OriginalAmount <*OrgnlAmt*>	[1..1]			992
	ActualAmount <*ActlAmt*>	[0..1]	Amount		992
	MinimumAmount <*MinAmt*>	[0..1]	Amount		992
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		993
	CommissionDetails <*ComssnDtls*>	[0..*]			993
	Amount <*Amt*>	[1..1]	Amount		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	MarkUpDetails <*MrkUpDtls*>	[0..*]			993
	Rate <*Rate*>	[1..1]	Rate		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		994

26.1.5.5.9.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1356

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.

26.1.5.5.9.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 1392

26.1.5.5.9.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvsDtls> contains the following **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		989
	TargetCurrency <*TrgtCcy*>	[1..1]			990
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	990
	NumericCode <*NmrcCd*>	[1..1]	Text		990
	Decimal <*Dcml*>	[1..1]	Quantity		990
	Name <*Nm*>	[0..1]	Text		990
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		990
	ExchangeRate <*XchgRate*>	[1..1]	Rate		991
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		991
	QuotationDate <*QtnDt*>	[0..1]	DateTime		991
	ValidUntil <*VldUntil*>	[0..1]	DateTime		991
	SourceCurrency <*SrcCcy*>	[1..1]			991
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	991
	NumericCode <*NmrcCd*>	[0..1]	Text		992
	Decimal <*Dcml*>	[0..1]	Quantity		992
	Name <*Nm*>	[0..1]	Text		992
	OriginalAmount <*OrgnlAmt*>	[1..1]			992
	ActualAmount <*ActlAmt*>	[0..1]	Amount		992
	MinimumAmount <*MinAmt*>	[0..1]	Amount		992
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		993
	CommissionDetails <*ComssnDtls*>	[0..*]			993
	Amount <*Amt*>	[1..1]	Amount		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	MarkUpDetails <*MrkUpDtls*>	[0..*]			993
	Rate <*Rate*>	[1..1]	Rate		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		994

26.1.5.5.9.4.3.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.5.9.4.3.2 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	990
	NumericCode <*NmrcCd*>	[1..1]	Text		990
	Decimal <*Dcml*>	[1..1]	Quantity		990
	Name <*Nm*>	[0..1]	Text		990

26.1.5.5.9.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.5.9.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.5.9.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

26.1.5.5.9.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.5.9.4.3.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.9.4.3.4 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 1388

26.1.5.5.9.4.3.5 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 1388

26.1.5.5.9.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

26.1.5.5.9.4.3.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

26.1.5.5.9.4.3.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	991
	NumericCode <*NmrcCd*>	[0..1]	Text		992
	Decimal <*Dcml*>	[0..1]	Quantity		992
	Name <*Nm*>	[0..1]	Text		992

26.1.5.5.9.4.3.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.5.9.4.3.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.5.9.4.3.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

26.1.5.5.9.4.3.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.5.9.4.3.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		992
	MinimumAmount <*MinAmt*>	[0..1]	Amount		992
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		993

26.1.5.5.9.4.3.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.9.4.3.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.9.4.3.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.9.4.3.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993

26.1.5.5.9.4.3.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.9.4.3.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

26.1.5.5.9.4.3.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993

26.1.5.5.9.4.3.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

26.1.5.5.9.4.3.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

26.1.5.5.9.4.3.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.5.5.10 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 1392

26.1.5.5.11 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 1390

26.1.5.5.12 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 1390

26.1.5.5.13 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 1390

26.1.5.5.14 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	997
	TotalAmount <*TtlAmt*>	[1..1]	Amount		998
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		998
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		998
	DetailedAmount <*DtldAmt*>	[0..1]	±		998
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		999
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		999
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		999
	ValidityDate <*VldtyDt*>	[0..1]	Date		999
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		999
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1000
	AccountType <*AcctTp*>	[0..1]	CodeSet		1000
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1001
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1003
	Conversion <*Convs*>	[0..1]			1003
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1004
	TargetCurrency <*TrgtCcy*>	[1..1]			1005
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1005
	NumericCode <*NmrcCd*>	[1..1]	Text		1005
	Decimal <*Dcml*>	[1..1]	Quantity		1005
	Name <*Nm*>	[0..1]	Text		1005
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1005
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1006
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1006
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1006
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1006
	SourceCurrency <*SrcCcy*>	[1..1]			1006
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1006
	NumericCode <*NmrcCd*>	[0..1]	Text		1007
	Decimal <*Dcml*>	[0..1]	Quantity		1007
	Name <*Nm*>	[0..1]	Text		1007

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			1007
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1007
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1007
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1008
	CommissionDetails <*ComssnDtls*>	[0..*]			1008
	Amount <*Amt*>	[1..1]	Amount		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1008
	Rate <*Rate*>	[1..1]	Rate		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1009
	Instalment <*Instlmt*>	[0..*]	±		1009
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1010
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1011
	SaleItem <*SaleItm*>	[0..*]	±		1011
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1012
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1012
	AdditionalInformation <*AddtlInf*>	[0..*]			1012
	Identification <*Id*>	[1..1]	Text		1013
	Value <*Val*>	[0..1]	Binary		1013
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1013
	Type <*Tp*>	[0..1]	Text		1013
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1013

26.1.5.5.14.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.5.14.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

26.1.5.5.14.5 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

26.1.5.5.14.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

26.1.5.5.14.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

26.1.5.5.14.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

26.1.5.5.14.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.5.14.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1003
	Conversion <*Convs*>	[0..1]			1003
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1004
	TargetCurrency <*TrgtCcy*>	[1..1]			1005
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1005
	NumericCode <*NmrcCd*>	[1..1]	Text		1005
	Decimal <*Dcml*>	[1..1]	Quantity		1005
	Name <*Nm*>	[0..1]	Text		1005
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1005
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1006
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1006
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1006
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1006
	SourceCurrency <*SrcCcy*>	[1..1]			1006
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1006
	NumericCode <*NmrcCd*>	[0..1]	Text		1007
	Decimal <*Dcml*>	[0..1]	Quantity		1007
	Name <*Nm*>	[0..1]	Text		1007
	OriginalAmount <*OrgnlAmt*>	[1..1]			1007
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1007
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1007
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1008
	CommissionDetails <*ComssnDtls*>	[0..*]			1008
	Amount <*Amt*>	[1..1]	Amount		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1008
	Rate <*Rate*>	[1..1]	Rate		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1009

26.1.5.5.14.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.5.5.14.13.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1004
	TargetCurrency <*TrgtCcy*>	[1..1]			1005
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1005
	NumericCode <*NmrcCd*>	[1..1]	Text		1005
	Decimal <*Dcml*>	[1..1]	Quantity		1005
	Name <*Nm*>	[0..1]	Text		1005
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1005
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1006
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1006
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1006
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1006
	SourceCurrency <*SrcCcy*>	[1..1]			1006
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1006
	NumericCode <*NmrcCd*>	[0..1]	Text		1007
	Decimal <*Dcml*>	[0..1]	Quantity		1007
	Name <*Nm*>	[0..1]	Text		1007
	OriginalAmount <*OrgnlAmt*>	[1..1]			1007
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1007
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1007
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1008
	CommissionDetails <*ComssnDtls*>	[0..*]			1008
	Amount <*Amt*>	[1..1]	Amount		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1008
	Rate <*Rate*>	[1..1]	Rate		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1009

26.1.5.5.14.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.5.14.13.2.2 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	1005
	NumericCode <*NmrcCd*>	[1..1]	Text		1005
	Decimal <*Dcml*>	[1..1]	Quantity		1005
	Name <*Nm*>	[0..1]	Text		1005

26.1.5.5.14.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.5.14.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.5.14.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

26.1.5.5.14.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.5.14.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.13.2.4 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 1388

26.1.5.5.14.13.2.5 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 1388

26.1.5.5.14.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

26.1.5.5.14.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

26.1.5.5.14.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1006
	NumericCode <*NmrcCd*>	[0..1]	Text		1007
	Decimal <*Dcml*>	[0..1]	Quantity		1007
	Name <*Nm*>	[0..1]	Text		1007

26.1.5.5.14.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.5.14.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.5.14.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

26.1.5.5.14.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.5.14.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1007
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1007
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1008

26.1.5.5.14.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008

26.1.5.5.14.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.5.14.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

26.1.5.5.14.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008

26.1.5.5.14.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

26.1.5.5.14.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

26.1.5.5.14.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.5.5.14.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstlmtPlan> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

26.1.5.5.14.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

26.1.5.5.14.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

26.1.5.5.14.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

26.1.5.5.14.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.5.14.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

26.1.5.5.14.20 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1013
	Value <*Val*>	[0..1]	Binary		1013
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1013
	Type <*Tp*>	[0..1]	Text		1013

26.1.5.5.14.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

26.1.5.5.14.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

26.1.5.5.14.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.5.5.14.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

26.1.5.5.14.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

26.1.5.5.15 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]	±		1014
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1014
	Response <*Rspn*>	[1..1]	CodeSet		1015
	ResponseReason <*RspnRsn*>	[0..1]	Text		1015
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1015
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1015

26.1.5.5.15.1 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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

26.1.5.5.15.2 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		1015
	ResponseReason <*RspnRsn*>	[0..1]	Text		1015
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1015

26.1.5.5.15.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

26.1.5.5.15.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

26.1.5.5.15.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

26.1.5.5.15.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

26.1.5.5.16 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

26.1.5.5.17 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 1242 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <*CstmrOrdrId*>	[1..1]	Text		1243
	SaleReferenceIdentification <*SaleRefId*>	[1..1]	Text		1243
	OpenOrderState <*OpnOrdrStat*>	[0..1]	Indicator		1243
	StartDate <*StartDt*>	[1..1]	DateTime		1243
	EndDate <*EndDt*>	[0..1]	DateTime		1243
	Unit <*Unit*>	[0..1]	CodeSet		1243
	ForecastedAmount <*FrcstdAmt*>	[1..1]	Amount		1243
	CurrentAmount <*CurAmt*>	[0..1]	Amount		1244
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1244
	AccessedBy <*AccsdBy*>	[0..1]	Text		1244
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1244

26.1.5.5.18 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "CardPaymentToken5" on page 1328 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Token <*Tkn*>	[0..1]	Text		1329
	CardSequenceNumber <*CardSeqNb*>	[0..1]	Text		1329
	TokenExpiryDate <*TknXpryDt*>	[0..1]	Text		1329
	TokenCharacteristic <*TknChrtc*>	[0..*]	Text		1329
	TokenRequestor <*TknRqstr*>	[0..1]			1329
	ProviderIdentification <*PrvdrId*>	[1..1]	Text		1330
	RequestorIdentification <*RqstrId*>	[1..1]	Text		1330
	TokenAssuranceLevel <*TknAssrncLvl*>	[0..1]	Quantity		1330
	TokenAssuranceData <*TknAssrncData*>	[0..1]	Binary		1330
	TokenAssuranceMethod <*TknAssrncMtd*>	[0..1]	Text		1330
	TokenInitiatedIndicator <*TknInittdInd*>	[0..1]	Indicator		1330

26.1.5.5.19 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 1387):

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

26.1.5.5.20 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 1392

26.1.5.5.21 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 1392

26.1.5.5.22 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: The POI System receives this information.

Datatype: "Max70Text" on page 1393

26.1.5.5.23 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 1393

26.1.5.5.24 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 1393

26.1.5.5.25 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

26.1.5.6 CardPaymentDataSetTransaction39

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		1019
	Traceability <*Tracblt*>	[0..*]	±		1019
	Environment <*Envt*>	[1..1]	±		1019
	Context <*Cntxt*>	[0..1]	±		1025
	Transaction <*Tx*>	[1..1]			1028
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1030
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		1030
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		1030
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		1030
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		1030
	TransactionIdentification <*TxId*>	[1..1]	±		1030
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		1031
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		1031
	Reversal <*Rvsl*>	[0..1]	Indicator		1032
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		1032
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		1032
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		1033
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		1033
	InterchangeData <*IntrchngData*>	[0..1]	Text		1033
	TransactionDetails <*TxDtls*>	[1..1]			1033
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1033
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1034
	ValidityDate <*VldtyDt*>	[0..1]	Date		1034
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1034
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		1034
	AuthorisationResult <*AuthstnRslt*>	[0..1]			1034
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1035
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1035
	Response <*Rspn*>	[1..1]	CodeSet		1036
	ResponseReason <*RspnRsn*>	[0..1]	Text		1036
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1036

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1036
	TMSTrigger <*TMSTrggr*>	[0..1]			1036
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1036
	TMSIdentification <*TMSId*>	[0..1]	Text		1037
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1037
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		1037

26.1.5.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

26.1.5.6.2 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

26.1.5.6.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the cancelled transaction captured in batch.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

26.1.5.6.4 Context <Cntxt>

Presence: [0..1]

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

Context <Cntxt> contains the following elements (see "CardPaymentContext29" on page 1184 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

26.1.5.6.5 Transaction <Tx>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1030
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		1030
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		1030
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		1030
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		1030
	TransactionIdentification <*TxId*>	[1..1]	±		1030
	OriginalTransaction <*OrgnlTx*>	[0..1]	±		1031
	TransactionSuccess <*TxSucss*>	[1..1]	Indicator		1031
	Reversal <*Rvsl*>	[0..1]	Indicator		1032
	FailureReason <*FailrRsn*>	[0..*]	CodeSet		1032
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		1032
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		1033
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		1033
	InterchangeData <*IntrchngData*>	[0..1]	Text		1033
	TransactionDetails <*TxDtls*>	[1..1]			1033
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1033
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1034
	ValidityDate <*VldtyDt*>	[0..1]	Date		1034
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1034
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		1034
	AuthorisationResult <*AuthstnRslt*>	[0..1]			1034
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1035
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1035
	Response <*Rspn*>	[1..1]	CodeSet		1036
	ResponseReason <*RspnRsn*>	[0..1]	Text		1036
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1036
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1036
	TMSTrigger <*TMSTrggr*>	[0..1]			1036
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1036
	TMSIdentification <*TMSId*>	[0..1]	Text		1037
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1037

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		1037

26.1.5.6.5.1 MerchantCategoryCode <MrchntCtgyCd>

Presence: [1..1]

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

Datatype: "Min3Max4Text" on page 1395

26.1.5.6.5.2 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 1387):

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

26.1.5.6.5.3 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 1392

26.1.5.6.5.4 CardProgrammeApplied <CardPrgrmmApId>

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 1392

26.1.5.6.5.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.6.5.6 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.5.6.5.7 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "CardPaymentTransaction122" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		859
	TransactionIdentification <*TxId*>	[1..1]	±		859
	POIIdentification <*POIId*>	[0..1]	±		859
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		860
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		860
	TransactionType <*TxTp*>	[1..1]	CodeSet		860
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		861
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		861
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		862
	TransactionResult <*TxRslt*>	[0..1]			862
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		863
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			863
	Response <*Rspn*>	[1..1]	CodeSet		863
	ResponseReason <*RspnRsn*>	[0..1]	Text		864
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		864
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		864

26.1.5.6.5.8 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.5.6.5.9 Reversal <Rvsl>

Presence: [0..1]

Definition: Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.5.6.5.10 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 1358

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.

26.1.5.6.5.11 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.6.5.12 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1390

26.1.5.6.5.13 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.6.5.14 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

26.1.5.6.5.15 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	1033
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1034
	ValidityDate <*VldtyDt*>	[0..1]	Date		1034
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1034
	KeepAuthorisationOpen <*KeepAuthstnOpn*>	[0..1]	Indicator		1034

26.1.5.6.5.15.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.6.5.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.6.5.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

26.1.5.6.5.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

26.1.5.6.5.15.5 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 1387):

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

26.1.5.6.5.16 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]	±		1035
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1035
	Response <*Rspn*>	[1..1]	CodeSet		1036
	ResponseReason <*RspnRsn*>	[0..1]	Text		1036
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1036
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1036
	TMSTrigger <*TMSTrggr*>	[0..1]			1036
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1036
	TMSIdentification <*TMSId*>	[0..1]	Text		1037
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1037

26.1.5.6.5.16.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "GenericIdentification90" on page 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

26.1.5.6.5.16.2 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		1036
	ResponseReason <*RspnRsn*>	[0..1]	Text		1036
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1036

26.1.5.6.5.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

26.1.5.6.5.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

26.1.5.6.5.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

26.1.5.6.5.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

26.1.5.6.5.16.4 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Acquirer has requested a contact to the maintenance host.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1036
	TMSIdentification <*TMSId*>	[0..1]	Text		1037
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1037

26.1.5.6.5.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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.

26.1.5.6.5.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.6.5.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

26.1.5.6.5.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1393

26.1.5.7 CardPaymentDataSetTransaction38

Definition: Card payment transaction including an authorisation response.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <*TxSeqCntr*>	[1..1]	Text		1042
	Traceability <*Tracblt*>	[0..*]	±		1042
	Environment <*Envt*>	[1..1]	±		1042
	Transaction <*Tx*>	[1..1]			1048
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		1051
	TransactionIdentification <*TxId*>	[1..1]	±		1051
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		1051
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		1051
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		1051
	InterchangeData <*IntrchngData*>	[0..1]	Text		1051
	TransactionDetails <*TxDtls*>	[1..1]			1051
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1053
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1054
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		1054
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		1054
	DetailedAmount <*DtldAmt*>	[0..1]	±		1054
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		1055
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		1055
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		1055
	ValidityDate <*VldtyDt*>	[0..1]	Date		1055
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		1055
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1056
	AccountType <*AcctTp*>	[0..1]	CodeSet		1056
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1057
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1059
	Conversion <*Convs*>	[0..1]			1059
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1060
	TargetCurrency <*TrgtCcy*>	[1..1]			1061
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1061
	NumericCode <*NmrcCd*>	[1..1]	Text		1061
	Decimal <*Dcml*>	[1..1]	Quantity		1061

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Name <*Nm*>	[0..1]	Text		1061
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1061
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1062
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1062
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1062
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1062
	SourceCurrency <*SrcCcy*>	[1..1]			1062
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1062
	NumericCode <*NmrcCd*>	[0..1]	Text		1063
	Decimal <*Dcml*>	[0..1]	Quantity		1063
	Name <*Nm*>	[0..1]	Text		1063
	OriginalAmount <*OrgnlAmt*>	[1..1]			1063
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1063
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1063
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1064
	CommissionDetails <*ComssnDtls*>	[0..*]			1064
	Amount <*Amt*>	[1..1]	Amount		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1064
	Rate <*Rate*>	[1..1]	Rate		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1065
	Instalment <*Instlmt*>	[0..*]	±		1065
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1066
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1067
	SaleItem <*SaleItm*>	[0..*]	±		1067
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1068
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1068
	AdditionalInformation <*AddtlInf*>	[0..*]			1068
	Identification <*Id*>	[1..1]	Text		1069
	Value <*Val*>	[0..1]	Binary		1069

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1069
	Type <*Tp*>	[0..1]	Text		1069
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1069
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		1070
	TransactionResponse <*TxRspn*>	[1..1]			1070
	AuthorisationResult <*AuthstnRslt*>	[1..1]			1073
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1073
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1073
	Response <*Rspn*>	[1..1]	CodeSet		1074
	ResponseReason <*RspnRsn*>	[0..1]	Text		1074
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1074
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1074
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1074
	TMSTrigger <*TMSTrggr*>	[0..1]			1075
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1075
	TMSIdentification <*TMSId*>	[0..1]	Text		1075
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1075
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1075
	Method <*Mtd*>	[1..1]	CodeSet		1076
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1077
	Result <*Rslt*>	[0..1]	CodeSet		1077
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1077
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1079
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1079

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1079
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1079
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1079
	Balance <*Bal*>	[0..1]	±		1081
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		1081
	Action <*Actn*>	[0..*]			1082
	ActionType <*ActnTp*>	[1..1]	CodeSet		1082
	MessageToPresent <*MsgToPres*>	[0..1]	±		1083
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			1083
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1084
	TargetCurrency <*TrgtCcy*>	[1..1]			1085
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1085
	NumericCode <*NmrcCd*>	[1..1]	Text		1085
	Decimal <*Dcml*>	[1..1]	Quantity		1085
	Name <*Nm*>	[0..1]	Text		1085
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1086
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1086
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1086
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1086
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1086
	SourceCurrency <*SrcCcy*>	[1..1]			1086
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1086
	NumericCode <*NmrcCd*>	[0..1]	Text		1087
	Decimal <*Dcml*>	[0..1]	Quantity		1087
	Name <*Nm*>	[0..1]	Text		1087
	OriginalAmount <*OrgnlAmt*>	[1..1]			1087
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1087
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1087
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1088
	CommissionDetails <*ComssnDtls*>	[0..*]			1088
	Amount <*Amt*>	[1..1]	Amount		1088

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1088
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1088
	Rate <*Rate*>	[1..1]	Rate		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1089
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1089

26.1.5.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1394

26.1.5.7.2 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 1262 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RelayIdentification <*RlayId*>	[1..1]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

26.1.5.7.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the card payment transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1126 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

26.1.5.7.4 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction authorisation result.

Transaction <Tx> contains the following **CardPaymentTransaction121** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		1051
	TransactionIdentification <*TxId*>	[1..1]	±		1051
	InitiatorTransactionIdentification <*InitrTxId*>	[0..1]	Text		1051
	RecipientTransactionIdentification <*RcptTxId*>	[0..1]	Text		1051
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		1051
	InterchangeData <*IntrchngData*>	[0..1]	Text		1051
	TransactionDetails <*TxDtls*>	[1..1]			1051
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1053
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1054
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		1054
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		1054
	DetailedAmount <*DtldAmt*>	[0..1]	±		1054
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		1055
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		1055
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		1055
	ValidityDate <*VldtyDt*>	[0..1]	Date		1055
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		1055
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1056
	AccountType <*AcctTp*>	[0..1]	CodeSet		1056
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1057
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1059
	Conversion <*Convs*>	[0..1]			1059
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1060
	TargetCurrency <*TrgtCcy*>	[1..1]			1061
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1061
	NumericCode <*NmrcCd*>	[1..1]	Text		1061
	Decimal <*Dcml*>	[1..1]	Quantity		1061
	Name <*Nm*>	[0..1]	Text		1061
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1061
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1062
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1062

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1062
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1062
	SourceCurrency <*SrcCcy*>	[1..1]			1062
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1062
	NumericCode <*NmrcCd*>	[0..1]	Text		1063
	Decimal <*Dcml*>	[0..1]	Quantity		1063
	Name <*Nm*>	[0..1]	Text		1063
	OriginalAmount <*OrgnlAmt*>	[1..1]			1063
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1063
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1063
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1064
	CommissionDetails <*ComssnDtls*>	[0..*]			1064
	Amount <*Amt*>	[1..1]	Amount		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1064
	Rate <*Rate*>	[1..1]	Rate		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1065
	Instalment <*Instlmt*>	[0..*]	±		1065
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1066
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1067
	SaleItem <*SaleItm*>	[0..*]	±		1067
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1068
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1068
	AdditionalInformation <*AddtlInf*>	[0..*]			1068
	Identification <*Id*>	[1..1]	Text		1069
	Value <*Val*>	[0..1]	Binary		1069
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1069
	Type <*Tp*>	[0..1]	Text		1069
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1069
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		1070

26.1.5.7.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.7.4.2 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 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.5.7.4.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.7.4.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1390

26.1.5.7.4.5 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 1392

26.1.5.7.4.6 InterchangeData <IntrchngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1390

26.1.5.7.4.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails51** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1053
	TotalAmount <*TtlAmt*>	[1..1]	Amount		1054
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		1054
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		1054
	DetailedAmount <*DtldAmt*>	[0..1]	±		1054
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		1055
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		1055
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		1055
	ValidityDate <*VldtyDt*>	[0..1]	Date		1055
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		1055
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1056
	AccountType <*AcctTp*>	[0..1]	CodeSet		1056
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1057
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1059
	Conversion <*Convs*>	[0..1]			1059
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1060
	TargetCurrency <*TrgtCcy*>	[1..1]			1061
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1061
	NumericCode <*NmrcCd*>	[1..1]	Text		1061
	Decimal <*Dcml*>	[1..1]	Quantity		1061
	Name <*Nm*>	[0..1]	Text		1061
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1061
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1062
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1062
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1062
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1062
	SourceCurrency <*SrcCcy*>	[1..1]			1062
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1062
	NumericCode <*NmrcCd*>	[0..1]	Text		1063
	Decimal <*Dcml*>	[0..1]	Quantity		1063
	Name <*Nm*>	[0..1]	Text		1063

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	OriginalAmount <*OrgnlAmt*>	[1..1]			1063
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1063
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1063
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1064
	CommissionDetails <*ComssnDtls*>	[0..*]			1064
	Amount <*Amt*>	[1..1]	Amount		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1064
	Rate <*Rate*>	[1..1]	Rate		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1065
	Instalment <*Instlmt*>	[0..*]	±		1065
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1066
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1067
	SaleItem <*SaleItm*>	[0..*]	±		1067
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1068
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1068
	AdditionalInformation <*AddtlInf*>	[0..*]			1068
	Identification <*Id*>	[1..1]	Text		1069
	Value <*Val*>	[0..1]	Binary		1069
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1069
	Type <*Tp*>	[0..1]	Text		1069
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1069

26.1.5.7.4.7.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.7.4.7.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1381

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

26.1.5.7.4.7.5 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 854 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <*AmtGoodsAndSvcs*>	[0..1]	Amount		854
	CashBack <*CshBck*>	[0..1]	Amount		854
	Gratuity <*Grtty*>	[0..1]	Amount		854
	Fees <*Fees*>	[0..*]	±		854
	Rebate <*Rbt*>	[0..*]	±		855
	ValueAddedTax <*ValAddedTax*>	[0..*]	±		855
	Surcharge <*Srchrg*>	[0..*]	±		855

26.1.5.7.4.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1385

26.1.5.7.4.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1367

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 througth PIN insertion

26.1.5.7.4.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

26.1.5.7.4.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1348

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.

26.1.5.7.4.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

CurrencyConversionResult <CcyConvsRslt> contains the following **CurrencyConversion24** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1059
	Conversion <*Convs*>	[0..1]			1059
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1060
	TargetCurrency <*TrgtCcy*>	[1..1]			1061
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1061
	NumericCode <*NmrcCd*>	[1..1]	Text		1061
	Decimal <*Dcml*>	[1..1]	Quantity		1061
	Name <*Nm*>	[0..1]	Text		1061
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1061
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1062
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1062
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1062
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1062
	SourceCurrency <*SrcCcy*>	[1..1]			1062
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1062
	NumericCode <*NmrcCd*>	[0..1]	Text		1063
	Decimal <*Dcml*>	[0..1]	Quantity		1063
	Name <*Nm*>	[0..1]	Text		1063
	OriginalAmount <*OrgnlAmt*>	[1..1]			1063
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1063
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1063
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1064
	CommissionDetails <*ComssnDtls*>	[0..*]			1064
	Amount <*Amt*>	[1..1]	Amount		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1064
	Rate <*Rate*>	[1..1]	Rate		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1065

26.1.5.7.4.7.13.1 AcceptedByCardholder <AccptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.5.7.4.7.13.2 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 **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1060
	TargetCurrency <*TrgtCcy*>	[1..1]			1061
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1061
	NumericCode <*NmrcCd*>	[1..1]	Text		1061
	Decimal <*Dcml*>	[1..1]	Quantity		1061
	Name <*Nm*>	[0..1]	Text		1061
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1061
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1062
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1062
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1062
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1062
	SourceCurrency <*SrcCcy*>	[1..1]			1062
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1062
	NumericCode <*NmrcCd*>	[0..1]	Text		1063
	Decimal <*Dcml*>	[0..1]	Quantity		1063
	Name <*Nm*>	[0..1]	Text		1063
	OriginalAmount <*OrgnlAmt*>	[1..1]			1063
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1063
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1063
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1064
	CommissionDetails <*ComssnDtls*>	[0..*]			1064
	Amount <*Amt*>	[1..1]	Amount		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1064
	Rate <*Rate*>	[1..1]	Rate		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1065

26.1.5.7.4.7.13.2.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.7.4.7.13.2.2 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	1061
	NumericCode <*NmrcCd*>	[1..1]	Text		1061
	Decimal <*Dcml*>	[1..1]	Quantity		1061
	Name <*Nm*>	[0..1]	Text		1061

26.1.5.7.4.7.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.7.4.7.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.7.4.7.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

26.1.5.7.4.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.7.4.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.13.2.4 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 1388

26.1.5.7.4.7.13.2.5 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 1388

26.1.5.7.4.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

26.1.5.7.4.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

26.1.5.7.4.7.13.2.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1062
	NumericCode <*NmrcCd*>	[0..1]	Text		1063
	Decimal <*Dcml*>	[0..1]	Quantity		1063
	Name <*Nm*>	[0..1]	Text		1063

26.1.5.7.4.7.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.7.4.7.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.7.4.7.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

26.1.5.7.4.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.7.4.7.13.2.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1063
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1063
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1064

26.1.5.7.4.7.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.13.2.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064

26.1.5.7.4.7.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.4.7.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

26.1.5.7.4.7.13.2.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		1064
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1064

26.1.5.7.4.7.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

26.1.5.7.4.7.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

26.1.5.7.4.7.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.5.7.4.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <InstImt> contains the following elements (see "RecurringTransaction4" on page 1204 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

26.1.5.7.4.7.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1249 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

26.1.5.7.4.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1389

26.1.5.7.4.7.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1251 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

26.1.5.7.4.7.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.7.4.7.19 ReSubmissionCounter <ReSubmissnCntr>

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 1388

26.1.5.7.4.7.20 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1069
	Value <*Val*>	[0..1]	Binary		1069
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1069
	Type <*Tp*>	[0..1]	Text		1069

26.1.5.7.4.7.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

26.1.5.7.4.7.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

26.1.5.7.4.7.20.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.5.7.4.7.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

26.1.5.7.4.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1331

26.1.5.7.4.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1393

26.1.5.7.5 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the authorisation request from the acquirer.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction114** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <*AuthstnRslt*>	[1..1]			1073
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1073
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1073
	Response <*Rspn*>	[1..1]	CodeSet		1074
	ResponseReason <*RspnRsn*>	[0..1]	Text		1074
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1074
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1074
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1074
	TMSTrigger <*TMSTrggr*>	[0..1]			1075
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1075
	TMSIdentification <*TMSId*>	[0..1]	Text		1075
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1075
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1075
	Method <*Mtd*>	[1..1]	CodeSet		1076
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1077
	Result <*Rslt*>	[0..1]	CodeSet		1077
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1077
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			1078
	ProductCode <*PdctCd*>	[1..1]	Text		1079
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1079
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1079
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1079
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1079
	Balance <*Bal*>	[0..1]	±		1081
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		1081

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Action <*Actn*>	[0..*]			1082
	ActionType <*ActnTp*>	[1..1]	CodeSet		1082
	MessageToPresent <*MsgToPres*>	[0..1]	±		1083
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			1083
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1084
	TargetCurrency <*TrgtCcy*>	[1..1]			1085
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1085
	NumericCode <*NmrcCd*>	[1..1]	Text		1085
	Decimal <*Dcml*>	[1..1]	Quantity		1085
	Name <*Nm*>	[0..1]	Text		1085
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1086
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1086
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1086
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1086
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1086
	SourceCurrency <*SrcCcy*>	[1..1]			1086
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1086
	NumericCode <*NmrcCd*>	[0..1]	Text		1087
	Decimal <*Dcml*>	[0..1]	Quantity		1087
	Name <*Nm*>	[0..1]	Text		1087
	OriginalAmount <*OrgnlAmt*>	[1..1]			1087
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1087
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1087
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1088
	CommissionDetails <*ComssnDtls*>	[0..*]			1088
	Amount <*Amt*>	[1..1]	Amount		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1088
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1088
	Rate <*Rate*>	[1..1]	Rate		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1089
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1089

26.1.5.7.5.1 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]	±		1073
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1073
	Response <*Rspn*>	[1..1]	CodeSet		1074
	ResponseReason <*RspnRsn*>	[0..1]	Text		1074
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1074
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1074
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1074
	TMSTrigger <*TMSTrggr*>	[0..1]			1075
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1075
	TMSIdentification <*TMSId*>	[0..1]	Text		1075
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1075

26.1.5.7.5.1.1 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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

26.1.5.7.5.1.2 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		1074
	ResponseReason <*RspnRsn*>	[0..1]	Text		1074
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1074

26.1.5.7.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

26.1.5.7.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

26.1.5.7.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

26.1.5.7.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

26.1.5.7.5.1.4 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 1387):

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

26.1.5.7.5.1.5 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		1075
	TMSIdentification <*TMSId*>	[0..1]	Text		1075
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1075

26.1.5.7.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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.

26.1.5.7.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.7.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

26.1.5.7.5.2 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Method <*Mtd*>	[1..1]	CodeSet		1076
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1077
	Result <*Rslt*>	[0..1]	CodeSet		1077
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1077

26.1.5.7.5.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1344

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.

26.1.5.7.5.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1344

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.

26.1.5.7.5.2.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1385

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.

26.1.5.7.5.2.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1393

26.1.5.7.5.3 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		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078

26.1.5.7.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1393

26.1.5.7.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

26.1.5.7.5.4 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		1078
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1078

26.1.5.7.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1393

26.1.5.7.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

26.1.5.7.5.5 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		1079
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1079
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1079
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1079
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1079

26.1.5.7.5.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1393

26.1.5.7.5.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

26.1.5.7.5.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.5.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1387

26.1.5.7.5.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1383

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.

CodeName	Name	Definition
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.

CodeName	Name	Definition
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

26.1.5.7.5.6 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 851 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		851
	Currency <*Ccy*>	[1..1]	CodeSet	C1	851
	Sign <*Sgn*>	[0..1]	Indicator		852

26.1.5.7.5.7 ProtectedBalance <PrtctdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrtctdBal> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.5.7.5.8 Action <Actn>

Presence: [0..*]

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

Action <Actn> contains the following **Action12** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActionType <*ActnTp*>	[1..1]	CodeSet		1082
	MessageToPresent <*MsgToPres*>	[0..1]	±		1083

26.1.5.7.5.8.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType12Code" on page 1334

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 Authentification through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentification 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 revocated this recurring transaction for this merchant.

26.1.5.7.5.8.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.5.7.5.9 CurrencyConversionEligibility <CcyConvsElgblty>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

CurrencyConversionEligibility <CcyConvsElgblty> contains the following **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1084
	TargetCurrency <*TrgtCcy*>	[1..1]			1085
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1085
	NumericCode <*NmrcCd*>	[1..1]	Text		1085
	Decimal <*Dcml*>	[1..1]	Quantity		1085
	Name <*Nm*>	[0..1]	Text		1085
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1086
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1086
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1086
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1086
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1086
	SourceCurrency <*SrcCcy*>	[1..1]			1086
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1086
	NumericCode <*NmrcCd*>	[0..1]	Text		1087
	Decimal <*Dcml*>	[0..1]	Quantity		1087
	Name <*Nm*>	[0..1]	Text		1087
	OriginalAmount <*OrgnlAmt*>	[1..1]			1087
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1087
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1087
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1088
	CommissionDetails <*ComssnDtls*>	[0..*]			1088
	Amount <*Amt*>	[1..1]	Amount		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1088
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1088
	Rate <*Rate*>	[1..1]	Rate		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1089
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1089

26.1.5.7.5.9.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.5.7.5.9.2 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	1085
	NumericCode <*NmrcCd*>	[1..1]	Text		1085
	Decimal <*Dcml*>	[1..1]	Quantity		1085
	Name <*Nm*>	[0..1]	Text		1085

26.1.5.7.5.9.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.7.5.9.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.7.5.9.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

26.1.5.7.5.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.7.5.9.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.5.9.4 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 1388

26.1.5.7.5.9.5 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 1388

26.1.5.7.5.9.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

26.1.5.7.5.9.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

26.1.5.7.5.9.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1086
	NumericCode <*NmrcCd*>	[0..1]	Text		1087
	Decimal <*Dcml*>	[0..1]	Quantity		1087
	Name <*Nm*>	[0..1]	Text		1087

26.1.5.7.5.9.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.5.7.5.9.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.5.7.5.9.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

26.1.5.7.5.9.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.5.7.5.9.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1087
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1087
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1088

26.1.5.7.5.9.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.5.9.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.5.9.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.5.9.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1088

26.1.5.7.5.9.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.5.7.5.9.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

26.1.5.7.5.9.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		1088
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1089

26.1.5.7.5.9.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

26.1.5.7.5.9.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

26.1.5.7.5.9.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.6 Identification Information

26.1.6.1 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		1090
	SchemeName <*SchmeNm*>	[0..1]	Text		1090
	Issuer <*Issr*>	[0..1]	Text		1090

26.1.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max35Text" on page 1392

26.1.6.1.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

Datatype: "Max35Text" on page 1392

26.1.6.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1392

26.1.6.2 GenericIdentification177

Definition: Identification of an entity.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

26.1.6.2.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1392

26.1.6.2.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 1369

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	DelegateIssuer	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.

26.1.6.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 1369

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	DelegateIssuer	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.

26.1.6.2.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1394

26.1.6.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1392

26.1.6.2.6 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 1264 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Address <*Adr*>	[1..*]			1264
	NetworkType <*NtwkTp*>	[1..1]	CodeSet		1264
	AddressValue <*AdrVal*>	[1..1]	Text		1264
	UserName <*UsrNm*>	[0..1]	Text		1265
	AccessCode <*AccsCd*>	[0..1]	Binary		1265
	ServerCertificate <*SvrCert*>	[0..*]	Binary		1265
	ServerCertificateIdentifier <*SvrCertIdr*>	[0..*]	Binary		1265
	ClientCertificate <*ClntCert*>	[0..*]	Binary		1265
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1265

26.1.6.2.7 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]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

26.1.6.2.7.1 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		1093
	Longitude <*Long*>	[1..1]	Text		1093

26.1.6.2.7.1.1 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 1392

26.1.6.2.7.1.2 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 1392

26.1.6.2.7.2 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		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

26.1.6.2.7.2.1 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 1392

26.1.6.2.7.2.2 UTMEastward <UTMEstwrd>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 1392

26.1.6.2.7.2.3 UTMNorthward <UTMNrthwrd>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 1392

26.1.6.3 GenericIdentification176

Definition: Identification of an entity.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

26.1.6.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1392

26.1.6.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 1369

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	DelegateIssuer	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.

26.1.6.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 1369

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	DelegateIssuer	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.

26.1.6.3.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1394

26.1.6.3.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1392

26.1.6.4 GenericIdentification90

Definition: Identification of an entity.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

26.1.6.4.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1392

26.1.6.4.2 Type <Tp>

Presence: [1..1]

Definition: Type of identified entity.

Datatype: "PartyType14Code" on page 1369

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	DelegateIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

26.1.6.4.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 1370

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.

26.1.6.4.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 1394

26.1.6.4.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1392

26.1.6.5 GenericIdentification36

Definition: Identification using a proprietary scheme.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1098
	Issuer <*Issr*>	[1..1]	Text		1098
	SchemeName <*SchmeNm*>	[0..1]	Text		1098

26.1.6.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 1392

26.1.6.5.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1392

26.1.6.5.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 1392

26.1.6.6 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		1098
	IdentificationType <*IdTp*>	[1..1]	Text		1098

26.1.6.6.1 Identification <Id>

Presence: [1..1]

Definition: Identifier issued to a person for which no specific identifier has been defined.

Datatype: "Max35Text" on page 1392

26.1.6.6.2 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 1392

26.1.6.7 GenericIdentification32

Definition: Identification of an entity.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1099
	Type <*Tp*>	[0..1]	CodeSet		1099
	Issuer <*Issr*>	[0..1]	CodeSet		1099
	ShortName <*ShrtNm*>	[0..1]	Text		1100

26.1.6.7.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1392

26.1.6.7.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType3Code" on page 1370

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	DelegateIssuer	Party to whom the card issuer delegates to authorise card payment transactions.

26.1.6.7.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 1370

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.

26.1.6.7.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1392

26.1.7 Miscellaneous

26.1.7.1 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		1100
	Envelope <*Envlp*>	[1..1]	(External Schema)		1100

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.

26.1.7.1.1 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 1391

26.1.7.1.2 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.

26.1.7.2 PointOfInteractionComponent12

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		1103
	SubTypeInformation <*SubTpInf*>	[0..1]	Text		1104
	Identification <*Id*>	[1..1]			1105
	ItemNumber <*ItmNb*>	[0..1]	Text		1105
	ProviderIdentification <*PrvdrId*>	[0..1]	Text		1105
	Identification <*Id*>	[0..1]	Text		1105
	SerialNumber <*SrlNb*>	[0..1]	Text		1105
	Status <*Sts*>	[0..1]			1105
	VersionNumber <*VrsnNb*>	[0..1]	Text		1106
	Status <*Sts*>	[0..1]	CodeSet		1106
	ExpiryDate <*XpryDt*>	[0..1]	Date		1106
	StandardCompliance <*StdCmplc*>	[0..*]			1106
	Identification <*Id*>	[1..1]	Text		1106
	Version <*Vrsn*>	[1..1]	Text		1107
	Issuer <*Issr*>	[1..1]	Text		1107
	Characteristics <*Chrtcs*>	[0..1]			1107
	Memory <*Mmry*>	[0..*]			1108
	Identification <*Id*>	[1..1]	Text		1109
	TotalSize <*TtlSz*>	[1..1]	Quantity		1109
	FreeSize <*FreeSz*>	[1..1]	Quantity		1109
	Unit <*Unit*>	[1..1]	CodeSet		1109
	Communication <*Com*>	[0..*]			1109
	CommunicationType <*ComTp*>	[1..1]	CodeSet		1110
	RemoteParty <*RmotPty*>	[1..*]	CodeSet		1111
	Active <*Actv*>	[1..1]	Indicator		1111
	Parameters <*Params*>	[0..1]	±		1111
	PhysicalInterface <*PhysIntrfc*>	[0..1]			1112
	InterfaceName <*IntrfcNm*>	[1..1]	Text		1112
	InterfaceType <*IntrfcTp*>	[0..1]	CodeSet		1112
	UserName <*UsrNm*>	[0..1]	Text		1113
	AccessCode <*AccsCd*>	[0..1]	Binary		1113

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1113
	AdditionalParameters <*AddtlParams*>	[0..1]	Binary		1113
	SecurityAccessModules <*SctyAccsMdls*>	[0..1]	Quantity		1114
	SubscriberIdentityModules <*SbcbrIdntyMdls*>	[0..1]	Quantity		1114
	SecurityElement <*SctyElmt*>	[0..*]	±		1114
	Assessment <*Assmnt*>	[0..*]			1114
	Type <*Tp*>	[1..1]	CodeSet		1115
	Assigner <*Assgnr*>	[1..*]	Text		1115
	DeliveryDate <*DlvryDt*>	[0..1]	DateTime		1115
	ExpirationDate <*XprtnDt*>	[0..1]	DateTime		1115
	Number <*Nb*>	[1..1]	Text		1115
	Package <*Packg*>	[0..*]			1116
	PackageIdentification <*PackgId*>	[0..1]	±		1116
	PackageLength <*PackgLngth*>	[0..1]	Quantity		1116
	OffsetStart <*OffsetStart*>	[0..1]	Quantity		1116
	OffsetEnd <*OffsetEnd*>	[0..1]	Quantity		1117
	PackageBlock <*PackgBlck*>	[0..*]			1117
	Identification <*Id*>	[1..1]	Text		1117
	Value <*Val*>	[0..1]	Binary		1117
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1117
	Type <*Tp*>	[0..1]	Text		1118

26.1.7.2.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType6Code" on page 1373

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.

26.1.7.2.2 SubTypeInformation <SubTpInf>

Presence: [0..1]

Definition: Additional information regarding the type of the component.

Datatype: "Max70Text" on page 1393

26.1.7.2.3 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		1105
	ProviderIdentification <*PrvdrId*>	[0..1]	Text		1105
	Identification <*Id*>	[0..1]	Text		1105
	SerialNumber <*SrlNb*>	[0..1]	Text		1105

26.1.7.2.3.1 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 1392

26.1.7.2.3.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 1392

26.1.7.2.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max256Text" on page 1391

26.1.7.2.3.4 SerialNumber <SrlNb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max256Text" on page 1391

26.1.7.2.4 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		1106
	Status <*Sts*>	[0..1]	CodeSet		1106
	ExpiryDate <*XpryDt*>	[0..1]	Date		1106

26.1.7.2.4.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 1391

26.1.7.2.4.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 1373

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.

26.1.7.2.4.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 1385

26.1.7.2.5 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		1106
	Version <*Vrsn*>	[1..1]	Text		1107
	Issuer <*Issr*>	[1..1]	Text		1107

26.1.7.2.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 1392

26.1.7.2.5.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 1392

26.1.7.2.5.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1392

26.1.7.2.6 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Characteristics of a POI (Point Of Interaction) component.

Characteristics <Chrtcs> contains the following **PointOfInteractionComponentCharacteristics8** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Memory <*Mmry*>	[0..*]			1108
	Identification <*Id*>	[1..1]	Text		1109
	TotalSize <*TtlSz*>	[1..1]	Quantity		1109
	FreeSize <*FreeSz*>	[1..1]	Quantity		1109
	Unit <*Unit*>	[1..1]	CodeSet		1109
	Communication <*Com*>	[0..*]			1109
	CommunicationType <*ComTp*>	[1..1]	CodeSet		1110
	RemoteParty <*RmotPty*>	[1..*]	CodeSet		1111
	Active <*Actv*>	[1..1]	Indicator		1111
	Parameters <*Params*>	[0..1]	±		1111
	PhysicalInterface <*PhysIntrfc*>	[0..1]			1112
	InterfaceName <*IntrfcNm*>	[1..1]	Text		1112
	InterfaceType <*IntrfcTp*>	[0..1]	CodeSet		1112
	UserName <*UsrNm*>	[0..1]	Text		1113
	AccessCode <*AccsCd*>	[0..1]	Binary		1113
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1113
	AdditionalParameters <*AddtlParams*>	[0..1]	Binary		1113
	SecurityAccessModules <*SctyAccsMdls*>	[0..1]	Quantity		1114
	SubscriberIdentityModules <*SbcbrIdntyMdls*>	[0..1]	Quantity		1114
	SecurityElement <*SctyElmt*>	[0..*]	±		1114

26.1.7.2.6.1 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		1109
	TotalSize <*TtlSz*>	[1..1]	Quantity		1109
	FreeSize <*FreeSz*>	[1..1]	Quantity		1109
	Unit <*Unit*>	[1..1]	CodeSet		1109

26.1.7.2.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification or name of the memory.

Datatype: "Max35Text" on page 1392

26.1.7.2.6.1.2 TotalSize <TtlSz>

Presence: [1..1]

Definition: Total size of the memory unit.

Datatype: "DecimalNumber" on page 1387

26.1.7.2.6.1.3 FreeSize <FreeSz>

Presence: [1..1]

Definition: Total size of the available memory.

Datatype: "DecimalNumber" on page 1387

26.1.7.2.6.1.4 Unit <Unit>

Presence: [1..1]

Definition: Memory unit of the sizes.

Datatype: "MemoryUnit1Code" on page 1364

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.

26.1.7.2.6.2 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		1110
	RemoteParty <*RmotPty*>	[1..*]	CodeSet		1111
	Active <*Actv*>	[1..1]	Indicator		1111
	Parameters <*Params*>	[0..1]	±		1111
	PhysicalInterface <*PhysIntrfc*>	[0..1]			1112
	InterfaceName <*IntrfcNm*>	[1..1]	Text		1112
	InterfaceType <*IntrfcTp*>	[0..1]	CodeSet		1112
	UserName <*UsrNm*>	[0..1]	Text		1113
	AccessCode <*AccsCd*>	[0..1]	Binary		1113
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1113
	AdditionalParameters <*AddtlParams*>	[0..1]	Binary		1113

26.1.7.2.6.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 1372

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.

26.1.7.2.6.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 1371

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.

26.1.7.2.6.2.3 Active <Actv>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.7.2.6.2.4 Parameters <Params>

Presence: [0..1]

Definition: Network parameters of the communication link.

Parameters <Params> contains the following elements (see "NetworkParameters7" on page 1264 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Address <*Adr*>	[1..*]			1264
	NetworkType <*NtwkTp*>	[1..1]	CodeSet		1264
	AddressValue <*AdrVal*>	[1..1]	Text		1264
	UserName <*UsrNm*>	[0..1]	Text		1265
	AccessCode <*AccsCd*>	[0..1]	Binary		1265
	ServerCertificate <*SvrCert*>	[0..*]	Binary		1265
	ServerCertificateIdentifier <*SvrCertIdr*>	[0..*]	Binary		1265
	ClientCertificate <*ClntCert*>	[0..*]	Binary		1265
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1265

26.1.7.2.6.2.5 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		1112
	InterfaceType <*IntrfcTp*>	[0..1]	CodeSet		1112
	UserName <*UsrNm*>	[0..1]	Text		1113
	AccessCode <*AccsCd*>	[0..1]	Binary		1113
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1113
	AdditionalParameters <*AddtlParams*>	[0..1]	Binary		1113

26.1.7.2.6.2.5.1 InterfaceName <IntrfcNm>

Presence: [1..1]

Definition: Identification of the interface.

Datatype: "Max35Text" on page 1392

26.1.7.2.6.2.5.2 InterfaceType <IntrfcTp>

Presence: [0..1]

Definition: Identification of the physical link layer.

Datatype: "POICommunicationType2Code" on page 1372

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.

26.1.7.2.6.2.5.3 UserName <UsrNm>

Presence: [0..1]

Definition: Optional user name to provide to use this interface.

Datatype: "Max35Text" on page 1392

26.1.7.2.6.2.5.4 AccessCode <AccsCd>

Presence: [0..1]

Definition: Optional access code to provide to use this interface.

Datatype: "Max35Binary" on page 1333

26.1.7.2.6.2.5.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the optional security profile to use with this interface.

Datatype: "Max35Text" on page 1392

26.1.7.2.6.2.5.6 AdditionalParameters <AddtlParams>

Presence: [0..1]

Definition: Any other parameters relevant for this interface.

Datatype: "Max2KBinary" on page 1332

26.1.7.2.6.3 SecurityAccessModules <SctyAccsMdls>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: "Number" on page 1388

26.1.7.2.6.4 SubscriberIdentityModules <SbcbrIdntyMdls>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: "Number" on page 1388

26.1.7.2.6.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "CryptographicKey16" on page 1289 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1290
	AdditionalIdentification <*AddtlId*>	[0..1]	Binary		1290
	Name <*Nm*>	[0..1]	Text		1290
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1291
	ItemNumber <*ItmNb*>	[0..1]	Text		1291
	Version <*Vrsn*>	[1..1]	Text		1291
	Type <*Tp*>	[0..1]	CodeSet		1291
	Function <*Fctn*>	[0..*]	CodeSet		1292
	ActivationDate <*ActvtnDt*>	[0..1]	DateTime		1292
	DeactivationDate <*DeactvtnDt*>	[0..1]	DateTime		1292
	KeyValue <*KeyVal*>	[0..1]	±		1293
	KeyCheckValue <*KeyChckVal*>	[0..1]	Binary		1293
	AdditionalManagementInformation <*AddtlMgmtInf*>	[0..*]			1293
	Name <*Nm*>	[1..1]	Text		1293
	Value <*Val*>	[0..1]	Text		1293

26.1.7.2.7 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		1115
	Assigner <*Assgnr*>	[1..*]	Text		1115
	DeliveryDate <*DlvryDt*>	[0..1]	DateTime		1115
	ExpirationDate <*XprtnDt*>	[0..1]	DateTime		1115
	Number <*Nb*>	[1..1]	Text		1115

26.1.7.2.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of assessment of the component.

Datatype: "POIComponentAssessment1Code" on page 1373

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.

26.1.7.2.7.2 Assigner <Assgnr>

Presence: [1..*]

Definition: Body which has delivered the assessment.

Datatype: "Max35Text" on page 1392

26.1.7.2.7.3 DeliveryDate <DlvryDt>

Presence: [0..1]

Definition: Date when the assessment has been delivered.

Datatype: "ISODateTime" on page 1385

26.1.7.2.7.4 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Date when the assessment will expire.

Datatype: "ISODateTime" on page 1385

26.1.7.2.7.5 Number <Nb>

Presence: [1..1]

Definition: Unique assessment number for the component.

Datatype: "Max35Text" on page 1392

26.1.7.2.8 Package <Packg>

Presence: [0..*]

Definition: Chunk of a software package.

Package <Packg> contains the following **PackageType3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PackageIdentification <*PackgId*>	[0..1]	±		1116
	PackageLength <*PackgLngth*>	[0..1]	Quantity		1116
	OffsetStart <*OffsetStart*>	[0..1]	Quantity		1116
	OffsetEnd <*OffsetEnd*>	[0..1]	Quantity		1117
	PackageBlock <*PackgBlck*>	[0..*]			1117
	Identification <*Id*>	[1..1]	Text		1117
	Value <*Val*>	[0..1]	Binary		1117
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1117
	Type <*Tp*>	[0..1]	Text		1118

26.1.7.2.8.1 PackageIdentification <PackgId>

Presence: [0..1]

Definition: Identification of the software packages of which the chunk belongs.

PackageIdentification <PackgId> contains the following elements (see "GenericIdentification176" on page 1094 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1094
	Type <*Tp*>	[0..1]	CodeSet		1095
	Issuer <*Issr*>	[0..1]	CodeSet		1095
	Country <*Ctry*>	[0..1]	Text		1096
	ShortName <*ShrtNm*>	[0..1]	Text		1096

26.1.7.2.8.2 PackageLength <PackgLngth>

Presence: [0..1]

Definition: Full length of software package identified through PackageIdentification.

Datatype: "PositiveNumber" on page 1388

26.1.7.2.8.3 OffsetStart <OffsetStart>

Presence: [0..1]

Definition: Place of the first following PackageBlock, beginning with 0, in the full software package identified through PackageIdentification.

Datatype: "PositiveNumber" on page 1388

26.1.7.2.8.4 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 1388

26.1.7.2.8.5 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 **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1117
	Value <*Val*>	[0..1]	Binary		1117
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1117
	Type <*Tp*>	[0..1]	Text		1118

26.1.7.2.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

26.1.7.2.8.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

26.1.7.2.8.5.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.7.2.8.5.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

26.1.7.3 PaymentReceipt4

Definition: Customer or Merchant receipts generated by the POI system.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <*DocQlfr*>	[1..1]	CodeSet		1118
	IntegratedPrintFlag <*IntgrtdPrtFlg*>	[0..1]	Indicator		1119
	RequiredSignatureFlag <*ReqrdSgntrFlg*>	[0..1]	Indicator		1119
	OutputContent <*OutptCntt*>	[1..1]	±		1119

26.1.7.3.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 1357

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment

CodeName	Name	Definition
		instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

26.1.7.3.2 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 1387):

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

26.1.7.3.3 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 1387):

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

26.1.7.3.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.7.4 ActionMessage9

Definition: Information to display, print or store.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.7.4.1 MessageDestination <MsgDstn>

Presence: [1..1]

Definition: Destination of the message.

Datatype: "UserInterface4Code" on page 1384

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.

26.1.7.4.2 InformationQualifier <InfQlfr>

Presence: [0..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 1360

CodeName	Name	Definition
CUSA	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.

CodeName	Name	Definition
DISP	Display	Standard display interface.
DOCT	Document	When the POI System wants to print specific document (check, dynamic currency conversion ...). Used by the Sale System when the printer is not located on the Sale System.
ERRO	Error	The information is related to an error situation occurring on the message sender.
INPT	Input	Answer to a question or information to be entered by the Cashier or the Customer, at the request of the POI Terminal or the Sale Terminal.
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
RCPT	Receipt	Where you print the Payment receipt that could be located on the Sale System or in some cases a restricted Sale ticket on the POI Terminal.
SOND	Sound	Standard sound interface.
STAT	Status	The information is a new state on which the message sender is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
VCHR	Voucher	Coupons, voucher or special ticket generated by the POI or the Sale System and to be printed.

26.1.7.4.3 Format <Frmt>

Presence: [0..1]

Definition: Message format.

Datatype: "OutputFormat3Code" on page 1368

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.

26.1.7.4.4 MessageContent <MsgCntt>

Presence: [0..1]

Definition: Content or reference of the message.

Datatype: "Max20000Text" on page 1391

26.1.7.4.5 MessageContentSignature <MsgCnttSgntr>

Presence: [0..1]

Definition: Digital signature of the message.

MessageContentSignature <MsgCnttSgntr> contains the following elements (see "ContentInformationType29" on page 1298 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1298
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1298
	SignedData <*SgndData*>	[0..1]	±		1299

26.1.7.4.6 OutputBarcode <OutptBrcd>

Presence: [0..1]

Definition: Content of message displayed or printed as Barcode.

OutputBarcode <OutptBrcd> contains the following **OutputBarcode1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124

26.1.7.4.6.1 BarcodeType <BrcdTp>

Presence: [1..1]

Definition: Type of Barcode coding.

Datatype: "BarcodeType1Code" on page 1347

CodeName	Name	Definition
COQR	BarcodeEncodedAs2DQRCode	Barcode encoded according to the 2Dimensions Quick Response Code Standard.
C128	BarcodeEncodedAsCode128	Barcode encoded according to the Code 128 standard.

CodeName	Name	Definition
C025	BarcodeEncodedAsCode25	Barcode encoded according to the Code 25 standard.
C039	BarcodeEncodedAsCode39	Barcode encoded according to the Code 39 standard.
EA13	BarcodeEncodedAsEA13	Barcode encoded according to the EAN13 standard.
EAN8	BarcodeEncodedAsEAN8	Barcode encoded according to the EAN8 standard.
P417	BarcodeEncodedAsPDF417	Barcode encoded according to the PDF417 standard.
UPCA	BarcodeEncodedAsUPCA	Barcode encoded according to the UPCA standard.

26.1.7.4.6.2 BarcodeValue <BrcdVal>

Presence: [0..1]

Definition: Value with a Barcode coding.

Datatype: "Max8000Text" on page 1394

26.1.7.4.6.3 QRCodeBinaryValue <QRCdBinryVal>

Presence: [0..1]

Definition: Use for binary and Kanji Quick Respone Code.

Datatype: "Max3000Binary" on page 1333

26.1.7.4.6.4 QRCodeVersion <QRCdVrsn>

Presence: [0..1]

Definition: Version of the Quick Response Code.

Datatype: "Max16Text" on page 1390

26.1.7.4.6.5 QRCodeEncodingMode <QRCdNcodgMd>

Presence: [1..1]

Definition: Encoding Mode of Quick Response Code.

Datatype: "QRCodeEncodingMode1Code" on page 1374

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.

26.1.7.4.6.6 QRCodeErrorCorrection <QRCdErrCrrctn>

Presence: [0..1]

Definition: Error Correction mode of Quick Response Code.

Datatype: "QRCodeErrorCorrection1Code" on page 1375

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%

26.1.7.4.7 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 1387):

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

26.1.7.4.8 MinimumDisplayTime <MinDispTm>

Presence: [0..1]

Definition: Number of seconds the message has to be displayed.

Datatype: "Number" on page 1388

26.1.7.5 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		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.7.5.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 1390

26.1.7.5.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 1390

26.1.7.5.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 1388

26.1.7.5.4 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 1333

26.1.7.6 CardPaymentEnvironment78

Definition: Environment of the transaction.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Acquirer <*Acqrr*>	[0..1]	±		1132
	Merchant <*Mrchnt*>	[0..1]			1132
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134
	POI <*POI*>	[0..1]			1134
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137
	Card <*Card*>	[0..1]			1139
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143
	Check <*Chck*>	[0..1]			1143
	BankIdentification <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145
	StoredValueAccount <*StordValAcct*>	[0..*]			1145
	AccountType <*AcctTp*>	[0..1]	CodeSet		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149
	LoyaltyAccount <*LltyAcct*>	[0..*]	±		1149
	CustomerDevice <*CstmrDvc*>	[0..1]	±		1149
	Wallet <*Wllt*>	[0..1]	±		1149
	PaymentToken <*PmtTkn*>	[0..1]	±		1150
	MerchantToken <*MrchntTkn*>	[0..1]	±		1150
	Cardholder <*Crdhldr*>	[0..1]			1151
	Identification <*Id*>	[0..1]			1155
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178
	ProtectedCardholderData <*PrtctdCrdhldrData*>	[0..1]	±		1178
	SaleEnvironment <*SaleEnvt*>	[0..1]			1179

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

26.1.7.6.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Acquirer involved in the card payment.

Acquirer <Acqrr> contains the following elements (see "Acquirer10" on page 849 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	±		849
	ParametersVersion <*ParamsVrsn*>	[0..1]	Text		849

26.1.7.6.2 Merchant <Mrchnt>

Presence: [0..1]

Definition: Merchant performing the card payment transaction.

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

Merchant <Mrchnt> contains the following **Organisation41** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	±		1132
	CommonName <*CmonNm*>	[0..1]	Text		1133
	LocationCategory <*LctnCtgy*>	[0..1]	CodeSet		1133
	LocationAndContact <*LctnAndCtct*>	[0..1]	±		1133
	SchemeData <*SchmeData*>	[0..1]	Text		1134

26.1.7.6.2.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the merchant.

Identification <Id> contains the following elements (see "GenericIdentification32" on page 1099 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1099
	Type <*Tp*>	[0..1]	CodeSet		1099
	Issuer <*Issr*>	[0..1]	CodeSet		1099
	ShortName <*ShrtNm*>	[0..1]	Text		1100

26.1.7.6.2.2 CommonName <CmonNm>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

26.1.7.6.2.3 LocationCategory <LctnCtgy>

Presence: [0..1]

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

Datatype: "LocationCategory4Code" on page 1363

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.

26.1.7.6.2.4 LocationAndContact <LctnAndCtct>

Presence: [0..1]

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

LocationAndContact <LctnAndCtct> contains the following elements (see "CommunicationAddress9" on page 850 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PostalAddress <*PstlAdr*>	[0..1]	±		850
	Email <*Email*>	[0..1]	Text		850
	URLAddress <*URLAdr*>	[0..1]	Text		851
	Phone <*Phne*>	[0..1]	Text		851
	CustomerService <*CstmrSvc*>	[0..1]	Text		851
	AdditionalContactInformation <*AddtlCtctInf*>	[0..1]	Text		851

26.1.7.6.2.5 SchemeData <SchmeData>

Presence: [0..1]

Definition: Additional merchant data required by a card scheme.

Datatype: "Max140Text" on page 1390

26.1.7.6.3 POI <POI>

Presence: [0..1]

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

POI <POI> contains the following **PointOfInteraction12** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	±		1134
	SystemName <*SysNm*>	[0..1]	Text		1135
	GroupIdentification <*GrpId*>	[0..1]	Text		1135
	Capabilities <*Cpblties*>	[0..1]	±		1135
	TimeZone <*TmZone*>	[0..1]	Text		1136
	TerminalIntegration <*TermnlIntgtn*>	[0..1]	CodeSet		1136
	Component <*Cmpnt*>	[0..*]	±		1137

26.1.7.6.3.1 Identification <Id>

Presence: [1..1]

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

Identification <Id> contains the following elements (see "GenericIdentification177" on page 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

26.1.7.6.3.2 SystemName <SysNm>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

26.1.7.6.3.3 GroupIdentification <GrpId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.3.4 Capabilities <Cpblties>

Presence: [0..1]

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

Capabilities <Cpblties> contains the following elements (see "PointOfInteractionCapabilities9" on page 1244 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <*CardRdngCpblties*>	[0..*]	CodeSet		1245
	CardholderVerificationCapabilities <*CrdhldrVrfctnCpblties*>	[0..*]	CodeSet		1246
	PINLengthCapabilities <*PINLngthCpblties*>	[0..1]	Quantity		1246
	ApprovalCodeLength <*ApprvlCdLngth*>	[0..1]	Quantity		1246
	MaxScriptLength <*MxScrptLngth*>	[0..1]	Quantity		1247
	CardCaptureCapable <*CardCaptrCpbl*>	[0..1]	Indicator		1247
	OnLineCapabilities <*OnLineCpblties*>	[0..1]	CodeSet		1247
	MessageCapabilities <*MsgCpblties*>	[0..*]			1247
	Destination <*Dstn*>	[1..*]	CodeSet		1247
	AvailableFormat <*AvlblFrmt*>	[0..*]	CodeSet		1248
	NumberOfLines <*NbOfLines*>	[0..1]	Quantity		1248
	LineWidth <*LineWidth*>	[0..1]	Quantity		1248
	AvailableLanguage <*AvlblLang*>	[0..*]	CodeSet	C3	1248

26.1.7.6.3.5 TimeZone <TmZone>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

26.1.7.6.3.6 TerminalIntegration <TermnlIntgtn>

Presence: [0..1]

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

Datatype: "LocationCategory3Code" on page 1363

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.

26.1.7.6.3.7 Component <Cmpnt>

Presence: [0..*]

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

Component <Cmpnt> contains the following elements (see "PointOfInteractionComponent12" on page 1101 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[1..1]	CodeSet		1103
	SubTypeInformation <*SubTpInf*>	[0..1]	Text		1104
	Identification <*Id*>	[1..1]			1105
	ItemNumber <*ItmNb*>	[0..1]	Text		1105
	ProviderIdentification <*PrvdrId*>	[0..1]	Text		1105
	Identification <*Id*>	[0..1]	Text		1105
	SerialNumber <*SrlNb*>	[0..1]	Text		1105
	Status <*Sts*>	[0..1]			1105
	VersionNumber <*VrsnNb*>	[0..1]	Text		1106
	Status <*Sts*>	[0..1]	CodeSet		1106
	ExpiryDate <*XpryDt*>	[0..1]	Date		1106
	StandardCompliance <*StdCmplc*>	[0..*]			1106
	Identification <*Id*>	[1..1]	Text		1106
	Version <*Vrsn*>	[1..1]	Text		1107
	Issuer <*Issr*>	[1..1]	Text		1107
	Characteristics <*Chrtcs*>	[0..1]			1107
	Memory <*Mmry*>	[0..*]			1108
	Identification <*Id*>	[1..1]	Text		1109
	TotalSize <*TtlSz*>	[1..1]	Quantity		1109
	FreeSize <*FreeSz*>	[1..1]	Quantity		1109
	Unit <*Unit*>	[1..1]	CodeSet		1109
	Communication <*Com*>	[0..*]			1109
	CommunicationType <*ComTp*>	[1..1]	CodeSet		1110
	RemoteParty <*RmotPty*>	[1..*]	CodeSet		1111
	Active <*Actv*>	[1..1]	Indicator		1111
	Parameters <*Params*>	[0..1]	±		1111
	PhysicalInterface <*PhysIntrfc*>	[0..1]			1112
	InterfaceName <*IntrfcNm*>	[1..1]	Text		1112
	InterfaceType <*IntrfcTp*>	[0..1]	CodeSet		1112
	UserName <*UsrNm*>	[0..1]	Text		1113

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AccessCode <*AccsCd*>	[0..1]	Binary		1113
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1113
	AdditionalParameters <*AddtlParams*>	[0..1]	Binary		1113
	SecurityAccessModules <*SctyAccsMdls*>	[0..1]	Quantity		1114
	SubscriberIdentityModules <*SbcbrIdntyMdls*>	[0..1]	Quantity		1114
	SecurityElement <*SctyElmt*>	[0..*]	±		1114
	Assessment <*Assmnt*>	[0..*]			1114
	Type <*Tp*>	[1..1]	CodeSet		1115
	Assigner <*Assgnr*>	[1..*]	Text		1115
	DeliveryDate <*DlvryDt*>	[0..1]	DateTime		1115
	ExpirationDate <*XprtnDt*>	[0..1]	DateTime		1115
	Number <*Nb*>	[1..1]	Text		1115
	Package <*Packg*>	[0..*]			1116
	PackageIdentification <*PackgId*>	[0..1]	±		1116
	PackageLength <*PackgLngth*>	[0..1]	Quantity		1116
	OffsetStart <*OffsetStart*>	[0..1]	Quantity		1116
	OffsetEnd <*OffsetEnd*>	[0..1]	Quantity		1117
	PackageBlock <*PackgBlck*>	[0..*]			1117
	Identification <*Id*>	[1..1]	Text		1117
	Value <*Val*>	[0..1]	Binary		1117
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1117
	Type <*Tp*>	[0..1]	Text		1118

26.1.7.6.4 Card <Card>

Presence: [0..1]

Definition: Payment card performing the transaction.

Card <Card> contains the following **PaymentCard32** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <*PrtctdCardData*>	[0..1]	±		1140
	PrivateCardData <*PrvtCardData*>	[0..1]	Binary		1140
	PlainCardData <*PlainCardData*>	[0..1]	±		1140
	PaymentAccountReference <*PmtAcctRef*>	[0..1]	Text		1141
	MaskedPAN <*MskdPAN*>	[0..1]	Text		1141
	IssuerBIN <*IssrBIN*>	[0..1]	Text		1141
	CardCountryCode <*CardCtryCd*>	[0..1]	Text		1141
	CardCurrencyCode <*CardCcyCd*>	[0..1]	Text		1141
	CardProductProfile <*CardPdctPrfl*>	[0..1]	Text		1142
	CardBrand <*CardBrnd*>	[0..1]	Text		1142
	CardProductType <*CardPdctTp*>	[0..1]	CodeSet		1142
	CardProductSubType <*CardPdctSubTp*>	[0..1]	Text		1142
	InternationalCard <*IntrnlCard*>	[0..1]	Indicator		1142
	AllowedProduct <*AllwdPdct*>	[0..*]	Text		1142
	ServiceOption <*SvcOptn*>	[0..1]	Text		1143
	AdditionalCardData <*AddtlCardData*>	[0..1]	Text		1143

26.1.7.6.4.1 ProtectedCardData <PrtctdCardData>

Presence: [0..1]

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

ProtectedCardData <PrtctdCardData> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.7.6.4.2 PrivateCardData <PrvtCardData>

Presence: [0..1]

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

Datatype: "Max100KBinary" on page 1332

26.1.7.6.4.3 PlainCardData <PlainCardData>

Presence: [0..1]

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

PlainCardData <PlainCardData> contains the following elements (see "PlainCardData15" on page 856 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PAN <*PAN*>	[1..1]	Text		856
	CardSequenceNumber <*CardSeqNb*>	[0..1]	Text		856
	EffectiveDate <*FctvDt*>	[0..1]	Text		857
	ExpiryDate <*XpryDt*>	[1..1]	Text		857
	ServiceCode <*SvcCd*>	[0..1]	Text		857
	Track1 <*Trck1*>	[0..1]	Text		857
	Track2 <*Trck2*>	[0..1]	Text		857
	Track3 <*Trck3*>	[0..1]	Text		857
	CardholderName <*CrdhldrNm*>	[0..1]	Text		857

26.1.7.6.4.4 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1393

26.1.7.6.4.5 MaskedPAN <MskdPAN>

Presence: [0..1]

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

Datatype: "Max30Text" on page 1391

26.1.7.6.4.6 IssuerBIN <IssrBIN>

Presence: [0..1]

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

Datatype: "Max15NumericText" on page 1390

26.1.7.6.4.7 CardCountryCode <CardCtryCd>

Presence: [0..1]

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

Datatype: "Max3Text" on page 1392

26.1.7.6.4.8 CardCurrencyCode <CardCcyCd>

Presence: [0..1]

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

Datatype: "Exact3AlphaNumericText" on page 1389

26.1.7.6.4.9 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.4.10 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1392

26.1.7.6.4.11 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "CardProductType1Code" on page 1354

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.

26.1.7.6.4.12 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Additional information to identify CardProduct.

Datatype: "Max35Text" on page 1392

26.1.7.6.4.13 InternationalCard <IntrnlCard>

Presence: [0..1]

Definition: True if the card may be used abroad.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.7.6.4.14 AllowedProduct <AllwdPdct>

Presence: [0..*]

Definition: Product that can be purchased with the card.

Datatype: "Max70Text" on page 1393

26.1.7.6.4.15 ServiceOption <SvcOptn>

Presence: [0..1]

Definition: Options to the service provided by the card.

Datatype: "Max35Text" on page 1392

26.1.7.6.4.16 AdditionalCardData <AddtlCardData>

Presence: [0..1]

Definition: Additional card issuer specific data.

Datatype: "Max70Text" on page 1393

26.1.7.6.5 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 <*BkId*>	[0..1]	Text		1143
	AccountNumber <*AcctNb*>	[0..1]	Text		1143
	CheckNumber <*ChckNb*>	[0..1]	Text		1143
	CheckCardNumber <*ChckCardNb*>	[0..1]	Text		1144
	CheckTrackData2 <*ChckTrckData2*>	[0..1]			1144
	TrackNumber <*TrckNb*>	[0..1]	Quantity		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145
	CheckType <*ChckTp*>	[0..1]	CodeSet		1145
	Country <*Ctry*>	[0..1]	Text		1145

26.1.7.6.5.1 BankIdentification <BkId>

Presence: [0..1]

Definition: Identification of the institution (bank) issuing the check.

Datatype: "Max35Text" on page 1392

26.1.7.6.5.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Identification of the account linked to the check.

Datatype: "Max35Text" on page 1392

26.1.7.6.5.3 CheckNumber <ChckNb>

Presence: [0..1]

Definition: Identification of the check.

Datatype: "Max35Text" on page 1392

26.1.7.6.5.4 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 1392

26.1.7.6.5.5 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		1144
	TrackFormat <*TrckFrmt*>	[0..1]	CodeSet		1144
	TrackValue <*TrckVal*>	[1..1]	Text		1145

26.1.7.6.5.5.1 TrackNumber <TrckNb>

Presence: [0..1]

Definition: Track number of the card.

Datatype: "Number" on page 1388

26.1.7.6.5.5.2 TrackFormat <TrckFrmt>

Presence: [0..1]

Definition: Card or check track format.

Datatype: "TrackFormat1Code" on page 1380

CodeName	Name	Definition
AAMV	AAMVAFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.
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.

26.1.7.6.5.5.3 TrackValue <TrckVal>

Presence: [1..1]

Definition: Card track content or equivalent.

Datatype: "Max140Text" on page 1390

26.1.7.6.5.6 CheckType <ChckTp>

Presence: [0..1]

Definition: Type of the check (personal or professional).

Datatype: "CheckType1Code" on page 1354

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.

26.1.7.6.5.7 Country <Ctry>

Presence: [0..1]

Definition: Country of the check.

Datatype: "Max3Text" on page 1392

26.1.7.6.6 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		1146
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1147
	Identification <*Id*>	[0..1]	Text		1147
	Brand <*Brnd*>	[0..1]	Text		1147
	Provider <*Prvdr*>	[0..1]	Text		1147
	OwnerName <*OwnrNm*>	[0..1]	Text		1147
	ExpiryDate <*XpryDt*>	[0..1]	Text		1148
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1148
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1148
	Balance <*Bal*>	[0..1]	Amount		1149

26.1.7.6.6.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1379

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.

26.1.7.6.6.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 1351

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.

26.1.7.6.6.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 1392

26.1.7.6.6.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1392

26.1.7.6.6.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 1392

26.1.7.6.6.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1392

26.1.7.6.6.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 1389

26.1.7.6.6.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 1349

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.)

26.1.7.6.6.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.7.6.6.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.6.7 LoyaltyAccount <LltyAcct>

Presence: [0..*]

Definition: Store value account associated to the payment.

LoyaltyAccount <LltyAcct> contains the following elements (see "LoyaltyAccount3" on page 1181 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <*LltyId*>	[1..1]	Text		1182
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1182
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1183
	Brand <*Brnd*>	[0..1]	Text		1183
	Provider <*Prvdr*>	[0..1]	Text		1183
	OwnerName <*OwnrNm*>	[0..1]	Text		1183
	Unit <*Unit*>	[0..1]	CodeSet		1183
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1184
	Balance <*Bal*>	[0..1]	Amount		1184

26.1.7.6.8 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 1242 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1242
	Type <*Tp*>	[0..1]	Text		1242
	Provider <*Prvdr*>	[0..1]	Text		1242

26.1.7.6.9 Wallet <Wllt>

Presence: [0..1]

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

Wallet <Wllt> contains the following elements (see "CustomerDevice3" on page 1242 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1242
	Type <*Tp*>	[0..1]	Text		1242
	Provider <*Prvdr*>	[0..1]	Text		1242

26.1.7.6.10 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Payment token information.

PaymentToken <PmtTkn> contains the following elements (see "Token1" on page 1325 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentToken <*PmtTkn*>	[0..1]	Text		1325
	TokenExpiryDate <*TknXpryDt*>	[0..1]	Text		1326
	TokenRequestorIdentification <*TknRqstrId*>	[0..1]	Text		1326
	TokenAssuranceData <*TknAssrncData*>	[0..1]	Text		1326
	TokenAssuranceMethod <*TknAssrncMtd*>	[0..1]	Text		1326
	TokenInitiatedIndicator <*TknInittdInd*>	[0..1]	Indicator		1326

26.1.7.6.11 MerchantToken <MrchntTkn>

Presence: [0..1]

Definition: Merchant token information.

MerchantToken <MrchntTkn> contains the following elements (see "MerchantToken2" on page 1326 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Token <*Tkn*>	[0..1]	Text		1327
	TokenExpiryDate <*TknXpryDt*>	[0..1]	Text		1327
	TokenCharacteristic <*TknChrtc*>	[0..*]	Text		1327
	TokenRequestor <*TknRqstr*>	[0..1]			1327
	ProviderIdentification <*PrvdrId*>	[1..1]	Text		1327
	RequestorIdentification <*RqstrId*>	[1..1]	Text		1328
	TokenAssuranceLevel <*TknAssrncLvl*>	[0..1]	Quantity		1328
	TokenAssuranceData <*TknAssrncData*>	[0..1]	Binary		1328
	TokenAssuranceMethod <*TknAssrncMtd*>	[0..1]	Text		1328
	TokenInitiatedIndicator <*TknInittdInd*>	[0..1]	Indicator		1328

26.1.7.6.12 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder involved in the card payment.

Cardholder <CrdhIdr> contains the following **Cardholder18** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]			1155
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158
	Name <*Nm*>	[0..1]	Text		1158
	Language <*Lang*>	[0..1]	CodeSet	C3	1158
	BillingAddress <*BllgAdr*>	[0..1]	±		1159
	ShippingAddress <*ShppgAdr*>	[0..1]	±		1159
	TripNumber <*TripNb*>	[0..1]	Text		1160
	Vehicle <*Vhcl*>	[0..1]	±		1160
	Authentication <*Authntcn*>	[0..*]			1161
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1172
	Method <*Mtd*>	[1..1]	CodeSet		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174
	PersonalData <*PrsnlData*>	[0..1]	Text		1175
	MobileData <*MobData*>	[0..*]			1175
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178

26.1.7.6.12.1 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		1155
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1155
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1156
	DriverIdentification <*DrvrId*>	[0..1]	Text		1156
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1156
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1156
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1156
	PassportNumber <*PsptNb*>	[0..1]	Text		1156
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1156
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1156
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1157
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1157
	JobNumber <*JobNb*>	[0..1]	Text		1157
	Department <*Dept*>	[0..1]	Text		1157
	EmailAddress <*EmailAdr*>	[0..1]	Text		1157
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1157
	BirthDate <*BirthDt*>	[1..1]	Date		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158
	Other <*Othr*>	[0..*]	±		1158

26.1.7.6.12.1.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.4 DriverIdentification <DrvrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.5 CustomerNumber <CstmrNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.6 SocialSecurityNumber <SclSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.8 PassportNumber <PsptNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.12 EmployeeIdentificationNumber <MplyeeIdNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.15 EmailAddress <EmailAdr>

Presence: [0..1]

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

Datatype: "Max256Text" on page 1391

26.1.7.6.12.1.16 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		1157
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1158
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1158
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1158

26.1.7.6.12.1.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 1385

26.1.7.6.12.1.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.1.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1355

Constraints

- **Country**

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

26.1.7.6.12.1.17 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 1098 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1098
	IdentificationType <*IdTp*>	[1..1]	Text		1098

26.1.7.6.12.2 Name <Nm>

Presence: [0..1]

Definition: Cardholder name associated with the card.

Datatype: "Max45Text" on page 1392

26.1.7.6.12.3 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 1362

Constraints

- **ValidationByTable**

  Must be a valid terrestrial language.

26.1.7.6.12.4 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 1267 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1268
	Department <*Dept*>	[0..1]	Text		1268
	SubDepartment <*SubDept*>	[0..1]	Text		1268
	AddressLine <*AdrLine*>	[0..2]	Text		1268
	StreetName <*StrtNm*>	[0..1]	Text		1269
	BuildingNumber <*BldgNb*>	[0..1]	Text		1269
	PostCode <*PstCd*>	[0..1]	Text		1269
	TownName <*TwnNm*>	[0..1]	Text		1269
	CountrySubDivision <*CtrySubDvsn*>	[0..2]	Text		1269
	CountryCode <*CtryCd*>	[0..1]	Text		1269

26.1.7.6.12.5 ShippingAddress <ShppgAdr>

Presence: [0..1]

Definition: Postal address for delivery of goods or services.

ShippingAddress <ShppgAdr> contains the following elements (see "PostalAddress22" on page 1267 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		1268
	Department <*Dept*>	[0..1]	Text		1268
	SubDepartment <*SubDept*>	[0..1]	Text		1268
	AddressLine <*AdrLine*>	[0..2]	Text		1268
	StreetName <*StrtNm*>	[0..1]	Text		1269
	BuildingNumber <*BldgNb*>	[0..1]	Text		1269
	PostCode <*PstCd*>	[0..1]	Text		1269
	TownName <*TwnNm*>	[0..1]	Text		1269
	CountrySubDivision <*CtrySubDvsn*>	[0..2]	Text		1269
	CountryCode <*CtryCd*>	[0..1]	Text		1269

26.1.7.6.12.6 TripNumber <TripNb>

Presence: [0..1]

Definition: Identification of the trip.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.7 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 1255 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	VehicleNumber <*VhclNb*>	[0..1]	Text		1256
	TrailerNumber <*TrlrNb*>	[0..1]	Text		1256
	VehicleTag <*VhclTag*>	[0..1]	Text		1257
	VehicleTagEntryMode <*VhclTagNtryMd*>	[0..1]	CodeSet		1257
	UnitNumber <*UnitNb*>	[0..1]	Text		1257
	ReplacementCar <*RplcmntCar*>	[0..1]	Indicator		1257
	Odometer <*Odmtr*>	[0..1]	Quantity		1257
	Hubometer <*Hbmtr*>	[0..1]	Quantity		1258
	TrailerHours <*TrlrHrs*>	[0..1]	Text		1258
	ReferHours <*RefrHrs*>	[0..1]	Text		1258
	MaintenanceIdentification <*MntncId*>	[0..1]	Text		1258
	DriverOrVehicleCard <*DrvrOrVhclCard*>	[0..1]			1258
	PAN <*PAN*>	[0..1]	Text		1258
	Track1 <*Trck1*>	[0..1]	Text		1259
	Track2 <*Trck2*>	[0..1]	Text		1259
	Track3 <*Trck3*>	[0..1]	Text		1259
	AdditionalCardData <*AddtlCardData*>	[0..*]	Text		1259
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1259
	AdditionalVehicleData <*AddtlVhclData*>	[0..*]			1260
	Type <*Tp*>	[0..1]	Text		1260
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1260
	Data <*Data*>	[1..1]	Text		1261

26.1.7.6.12.8 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 **CardholderAuthentication15** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <*AuthntcnMtd*>	[0..1]	CodeSet		1163
	AuthenticationExemption <*AuthntcnXmptn*>	[0..1]	CodeSet		1164
	AuthenticationValue <*AuthntcnVal*>	[0..1]	Binary		1165
	ProtectedAuthenticationValue <*PrtctdAuthntcnVal*>	[0..1]	±		1165
	CardholderOnLinePIN <*CrdhldrOnLinePIN*>	[0..1]			1165
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166
	CardholderIdentification <*CrdhldrId*>	[0..1]			1166
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170
	AddressVerification <*AdrVrfctn*>	[0..1]			1170

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressDigits <*AdrDgts*>	[0..1]	Text		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171
	AuthenticationType <*AuthntcnTp*>	[0..1]	Text		1171
	AuthenticationLevel <*AuthntcnLvl*>	[0..1]	Text		1171
	AuthenticationResult <*AuthntcnRslt*>	[0..1]	CodeSet		1171
	AuthenticationAdditionalInformation <*AuthntcnAddtlInf*>	[0..1]			1171
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172

26.1.7.6.12.8.1 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 1345

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.

26.1.7.6.12.8.2 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 1358

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.

26.1.7.6.12.8.3 AuthenticationValue <AuthntcnVal>

Presence: [0..1]

Definition: Value used to authenticate the cardholder.

Datatype: "Max5000Binary" on page 1333

26.1.7.6.12.8.4 ProtectedAuthenticationValue <PrtctdAuthntcnVal>

Presence: [0..1]

Definition: Protection of the authentication value.

ProtectedAuthenticationValue <PrtctdAuthntcnVal> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.7.6.12.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

Presence: [0..1]

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

CardholderOnLinePIN <CrdhldrOnLinePIN> contains the following **OnLinePIN9** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <*NcrptdPINBlck*>	[1..1]	±		1165
	PINFormat <*PINFrmt*>	[1..1]	CodeSet		1166
	AdditionalInput <*AddtlInpt*>	[0..1]	Text		1166

26.1.7.6.12.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.7.6.12.8.5.2 PINFormat <PINFrmt>

Presence: [1..1]

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

Datatype: "PINFormat3Code" on page 1371

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.

26.1.7.6.12.8.5.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6 CardholderIdentification <CrdhldrId>

Presence: [0..1]

Definition: Identification of the cardholder to verify.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <*DrvrLicNb*>	[0..1]	Text		1167
	DriverLicenseLocation <*DrvrLicLctn*>	[0..1]	Text		1167
	DriverLicenseName <*DrvrLicNm*>	[0..1]	Text		1167
	DriverIdentification <*DrvrId*>	[0..1]	Text		1168
	CustomerNumber <*CstmrNb*>	[0..1]	Text		1168
	SocialSecurityNumber <*SclSctyNb*>	[0..1]	Text		1168
	AlienRegistrationNumber <*AlnRegnNb*>	[0..1]	Text		1168
	PassportNumber <*PsptNb*>	[0..1]	Text		1168
	TaxIdentificationNumber <*TaxIdNb*>	[0..1]	Text		1168
	IdentityCardNumber <*IdntyCardNb*>	[0..1]	Text		1168
	EmployerIdentificationNumber <*MplyrIdNb*>	[0..1]	Text		1168
	EmployeeIdentificationNumber <*MplyeeIdNb*>	[0..1]	Text		1169
	JobNumber <*JobNb*>	[0..1]	Text		1169
	Department <*Dept*>	[0..1]	Text		1169
	EmailAddress <*EmailAdr*>	[0..1]	Text		1169
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			1169
	BirthDate <*BirthDt*>	[1..1]	Date		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170
	Other <*Othr*>	[0..*]	±		1170

26.1.7.6.12.8.6.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.4 DriverIdentification <DrvrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.5 CustomerNumber <CstmrNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.6 SocialSecurityNumber <SclSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.8 PassportNumber <PsptNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.12 EmployeeIdentificationNumber <MplyeeIdNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.15 EmailAddress <EmailAdr>

Presence: [0..1]

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

Datatype: "Max256Text" on page 1391

26.1.7.6.12.8.6.16 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		1169
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		1169
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		1170
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	1170

26.1.7.6.12.8.6.16.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 1385

26.1.7.6.12.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.8.6.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1355

Constraints

- **Country**

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

26.1.7.6.12.8.6.17 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 1098 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1098
	IdentificationType <*IdTp*>	[1..1]	Text		1098

26.1.7.6.12.8.7 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		1170
	PostalCodeDigits <*PstlCdDgts*>	[0..1]	Text		1171

26.1.7.6.12.8.7.1 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 1393

26.1.7.6.12.8.7.2 PostalCodeDigits <PstlCdDgts>

Presence: [0..1]

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

Datatype: "Max5NumericText" on page 1393

26.1.7.6.12.8.8 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 1392

26.1.7.6.12.8.9 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 1392

26.1.7.6.12.8.10 AuthenticationResult <AuthntcnRslt>

Presence: [0..1]

Definition: Result of authentication.

Datatype: "AuthenticationResult1Code" on page 1346

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.

26.1.7.6.12.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

Presence: [0..1]

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

AuthenticationAdditionalInformation <AuthntcnAddtlInf> contains the following **ExternallyDefinedData3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1172
	Value <*Val*>	[0..1]	Binary		1172
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1172
	Type <*Tp*>	[0..1]	Text		1172

26.1.7.6.12.8.11.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1389

26.1.7.6.12.8.11.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1332

26.1.7.6.12.8.11.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrtctdVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.7.6.12.8.11.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1389

26.1.7.6.12.9 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

Definition: Result of 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		1173
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1174
	Result <*Rslt*>	[0..1]	CodeSet		1174
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1174

26.1.7.6.12.9.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1344

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.

26.1.7.6.12.9.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1344

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.

26.1.7.6.12.9.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1385

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.

26.1.7.6.12.9.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1393

26.1.7.6.12.10 PersonalData <PrsnlData>

Presence: [0..1]

Definition: Identifies personal data related to the cardholder.

Datatype: "Max70Text" on page 1393

26.1.7.6.12.11 MobileData <MobData>

Presence: [0..*]

Definition: Data related to the mobile of stakeholder.

MobileData <MobData> contains the following **MobileData4** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <*MobCtryCd*>	[0..1]	Text		1175
	MobileNetworkCode <*MobNtwkCd*>	[0..1]	Text		1175
	MobileMaskedMSISDN <*MobMskdMSISDN*>	[0..1]	Text		1176
	Geolocation <*Glctn*>	[0..1]			1176
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177
	SensitiveMobileData <*SnstvMobData*>	[0..1]			1177
	MSISDN <*MSISDN*>	[1..1]	Text		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178
	ProtectedMobileData <*PrtctdMobData*>	[0..1]	±		1178

26.1.7.6.12.11.1 MobileCountryCode <MobCtryCd>

Presence: [0..1]

Definition: Identifies the country of a mobile phone operator.

Datatype: "Min2Max3AlphaText" on page 1394

26.1.7.6.12.11.2 MobileNetworkCode <MobNtwkCd>

Presence: [0..1]

Definition: Identifies the mobile phone operator inside a country.

Datatype: "Min2Max3NumericText" on page 1394

26.1.7.6.12.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

Presence: [0..1]

Definition: Masked Mobile Subscriber Integrated Service Digital Network.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.11.4 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]			1176
	Latitude <*Lat*>	[1..1]	Text		1176
	Longitude <*Long*>	[1..1]	Text		1176
	UTMCoordinates <*UTMCordints*>	[0..1]			1177
	UTMZone <*UTMZone*>	[1..1]	Text		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177

26.1.7.6.12.11.4.1 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		1176
	Longitude <*Long*>	[1..1]	Text		1176

26.1.7.6.12.11.4.1.1 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 1392

26.1.7.6.12.11.4.1.2 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 1392

26.1.7.6.12.11.4.2 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		1177
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1177
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1177

26.1.7.6.12.11.4.2.1 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 1392

26.1.7.6.12.11.4.2.2 UTMEastward <UTMEstwrd>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.11.4.2.3 UTMNorthward <UTMNrthwrd>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator

coordinate system.

Datatype: "Max35Text" on page 1392

26.1.7.6.12.11.5 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		1178
	IMSI <*IMSI*>	[0..1]	Text		1178
	IMEI <*IMEI*>	[0..1]	Text		1178

26.1.7.6.12.11.5.1 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max35NumericText" on page 1392

26.1.7.6.12.11.5.2 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 1392

26.1.7.6.12.11.5.3 IMEI <IMEI>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1392

26.1.7.6.12.11.6 ProtectedMobileData <PrtctdMobData>

Presence: [0..1]

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

ProtectedMobileData <PrtctdMobData> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.7.6.13 ProtectedCardholderData <PrtctdCrdhldrData>

Presence: [0..1]

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

ProtectedCardholderData <PrtctdCrdhldrData> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.7.6.14 SaleEnvironment <SaleEnvt>

Presence: [0..1]

Definition: Sale Retailer Environment for this message.

SaleEnvironment <SaleEnvt> contains the following **RetailerSaleEnvironment2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <*SaleCpblties*>	[0..*]	CodeSet		1179
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1180
	MinimumAmountToDeliver <*MinAmtToDlvr*>	[0..1]	Amount		1180
	MaximumCashBackAmount <*MaxCshBckAmt*>	[0..1]	Amount		1180
	MinimumSplitAmount <*MinSpltAmt*>	[0..1]	Amount		1181
	DebitPreferredFlag <*DbtPrefrdFlg*>	[0..1]	Indicator		1181
	LoyaltyHandling <*LltyHdlg*>	[0..1]	CodeSet		1181

26.1.7.6.14.1 SaleCapabilities <SaleCpblties>

Presence: [0..*]

Definition: Capabilities of the Sale system.

Datatype: "SaleCapabilities1Code" on page 1378

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.

26.1.7.6.14.2 Currency <Ccy>

Presence: [0..1]

Definition: Default currency associated with the sale system.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.7.6.14.3 MinimumAmountToDeliver <MinAmtToDlvr>

Presence: [0..1]

Definition: Minimum amount the Sale System is allowed to deliver for this payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.6.14.4 MaximumCashBackAmount <MaxCshBckAmt>

Presence: [0..1]

Definition: Maximum amount which could be requested for cash-back.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.6.14.5 MinimumSplitAmount <MinSpltAmt>

Presence: [0..1]

Definition: Minimum amount to split a sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.6.14.6 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 1387):

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

26.1.7.6.14.7 LoyaltyHandling <LltyHdlg>

Presence: [0..1]

Definition: Way of Loyalty handling.

Datatype: "LoyaltyHandling1Code" on page 1363

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.

26.1.7.7 LoyaltyAccount3

Definition: Loyalty Account description.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <*LltyId*>	[1..1]	Text		1182
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1182
	IdentificationType <*IdTp*>	[0..1]	CodeSet		1183
	Brand <*Brnd*>	[0..1]	Text		1183
	Provider <*Prvdr*>	[0..1]	Text		1183
	OwnerName <*OwnrNm*>	[0..1]	Text		1183
	Unit <*Unit*>	[0..1]	CodeSet		1183
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1184
	Balance <*Bal*>	[0..1]	Amount		1184

26.1.7.7.1 LoyaltyIdentification <LltyId>

Presence: [1..1]

Definition: Identification of Loyalty Account.

Datatype: "Max35Text" on page 1392

26.1.7.7.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Loyalty account or card.

Datatype: "CardDataReading8Code" on page 1349

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.)

26.1.7.7.3 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Loyalty Account.

Datatype: "CardIdentificationType1Code" on page 1351

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.

26.1.7.7.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1392

26.1.7.7.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Loyalty Account.

Datatype: "Max35Text" on page 1392

26.1.7.7.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1392

26.1.7.7.7 Unit <Unit>

Presence: [0..1]

Definition: Unit of a Loyalty Account (Point or Currency).

Datatype: "AmountUnit1Code" on page 1343

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.1.7.7.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Loyalty Account if any.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.7.7.9 Balance <Bal>

Presence: [0..1]

Definition: Balance of a Loyalty Account.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.8 CardPaymentContext29

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentContext <*PmtCntxt*>	[0..1]			1187
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191
	SaleContext <*SaleCntxt*>	[0..1]			1191
	SaleIdentification <*SaleId*>	[0..1]	Text		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196
	DirectDebitContext <*DrctDbtCntxt*>	[0..1]			1196
	DebtorIdentification <*DbtrId*>	[0..1]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

26.1.7.8.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext28** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CardPresent <*CardPres*>	[0..1]	Indicator		1187
	CardholderPresent <*CrdhldrPres*>	[0..1]	Indicator		1187
	OnLineContext <*OnLineCntxt*>	[0..1]	Indicator		1188
	AttendanceContext <*AttndncCntxt*>	[0..1]	CodeSet		1188
	TransactionEnvironment <*TxEnvt*>	[0..1]	CodeSet		1188
	TransactionChannel <*TxChanl*>	[0..1]	CodeSet		1188
	BusinessArea <*BizArea*>	[0..1]	CodeSet		1189
	AttendantMessageCapable <*AttndntMsgCpbl*>	[0..1]	Indicator		1189
	AttendantLanguage <*AttndntLang*>	[0..1]	CodeSet	C3	1189
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1190
	FallbackIndicator <*FllbckInd*>	[0..1]	CodeSet		1190
	SupportedOption <*SpprtdOptn*>	[0..*]	CodeSet		1191

26.1.7.8.1.1 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 1387):

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

26.1.7.8.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.7.8.1.3 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 1387):

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

26.1.7.8.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 1343

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.

26.1.7.8.1.5 TransactionEnvironment <TxEnvt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 1381

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

26.1.7.8.1.6 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 1381

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.

26.1.7.8.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea1Code" on page 1347

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
OPMT	Openpayment	The card is used in a Transit business case where the fare amount is not known when the transaction is initiated.
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.

26.1.7.8.1.8 AttendantMessageCapable <AttndntMsgCpbl>

Presence: [0..1]

Definition: Indicates whether a message can be sent or not on an attendant display (attendant display present or not).

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.7.8.1.9 AttendantLanguage <AttndntLang>

Presence: [0..1]

Definition: Language used to display messages to the attendant.

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

Impacted by: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1362

Constraints

- **ValidationByTable**

  Must be a valid terrestrial language.

26.1.7.8.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 1349

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.)

26.1.7.8.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 1350

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.

26.1.7.8.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 1379

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.

26.1.7.8.2 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		1192
	SaleReferenceNumber <*SaleRefNb*>	[0..1]	Text		1192
	SaleReconciliationIdentification <*SaleRcncltnId*>	[0..1]	Text		1193
	CashierIdentification <*CshrId*>	[0..1]	Text		1193
	CashierLanguage <*CshrLang*>	[0..*]	CodeSet	C3	1193
	ShiftNumber <*ShftNb*>	[0..1]	Text		1193
	CustomerOrderRequestFlag <*CstmrOrdrReqFlg*>	[0..1]	Indicator		1193
	PurchaseOrderNumber <*PurchsOrdrNb*>	[0..1]	Text		1193
	InvoiceNumber <*InvcNb*>	[0..1]	Text		1193
	DeliveryNoteNumber <*DlvryNoteNb*>	[0..1]	Text		1194
	SponsoredMerchant <*SpnsrdMrchnt*>	[0..*]			1194
	CommonName <*CmonNm*>	[1..1]	Text		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194
	SplitPayment <*SpltPmt*>	[0..1]	Indicator		1195
	RemainingAmount <*RmngAmt*>	[0..1]	Amount		1195
	ForceOnlineFlag <*ForceOnlnFlg*>	[0..1]	Indicator		1195
	ReuseCardDataFlag <*ReuseCardDataFlg*>	[0..1]	Indicator		1195
	AllowedEntryMode <*AllwdNtryMd*>	[0..*]	CodeSet		1195
	SaleTokenScope <*SaleTknScp*>	[0..1]	CodeSet		1196
	AdditionalSaleData <*AddtlSaleData*>	[0..1]	Text		1196

26.1.7.8.2.1 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 1392

26.1.7.8.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 1392

26.1.7.8.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 1392

26.1.7.8.2.4 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1392

26.1.7.8.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1362

Constraints

- **ValidationByTable**

  Must be a valid terrestrial language.

26.1.7.8.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 1391

26.1.7.8.2.7 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 1387):

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

26.1.7.8.2.8 PurchaseOrderNumber <PurchsOrdrNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 1392

26.1.7.8.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 1392

26.1.7.8.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 1392

26.1.7.8.2.11 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		1194
	Address <*Adr*>	[0..1]	Text		1194
	CountryCode <*CtryCd*>	[1..1]	CodeSet		1194
	MerchantCategoryCode <*MrchntCtgyCd*>	[1..1]	Text		1194
	RegisteredIdentifier <*RegdIdr*>	[1..1]	Text		1194

26.1.7.8.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 1393

26.1.7.8.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 1390

26.1.7.8.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1361

26.1.7.8.2.11.4 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 1395

26.1.7.8.2.11.5 RegisteredIdentifier <RegdIdr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1392

26.1.7.8.2.12 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 1387):

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

26.1.7.8.2.13 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 1331

26.1.7.8.2.14 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 1387):

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

26.1.7.8.2.15 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 1387):

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

26.1.7.8.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 1349

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.)

26.1.7.8.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 1379

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.

26.1.7.8.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 1393

26.1.7.8.3 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]			1197
	Debtor <*Dbtr*>	[0..1]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201
	CreditorIdentification <*CdtrId*>	[1..1]			1201
	Creditor <*Cdtr*>	[1..1]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203
	MandateRelatedInformation <*MndtRltdInf*>	[1..1]			1203
	MandateIdentification <*MndtId*>	[1..1]	Text		1204
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

26.1.7.8.3.1 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]			1198
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199
	AccountIdentification <*AcctId*>	[0..1]			1200
{Or	IBAN <*IBAN*>	[1..1]	IdentifierSet	C4	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201

26.1.7.8.3.1.1 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	1198
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1199
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1199
	Name <*Nm*>	[1..1]	Text		1199
	Address <*Adr*>	[1..1]	±		1199

26.1.7.8.3.1.1.1 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 1386

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.

26.1.7.8.3.1.1.2 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 1097 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1098
	Issuer <*Issr*>	[1..1]	Text		1098
	SchemeName <*SchmeNm*>	[0..1]	Text		1098

26.1.7.8.3.1.1.3 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		1199
	Address <*Adr*>	[1..1]	±		1199

26.1.7.8.3.1.1.3.1 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 1393

26.1.7.8.3.1.1.3.2 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 1324 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	StreetName <*StrtNm*>	[0..1]	Text		1324
	PostCodeIdentification <*PstCdId*>	[1..1]	Text		1324
	TownName <*TwnNm*>	[1..1]	Text		1325
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1325
	Country <*Ctry*>	[1..1]	CodeSet	C2	1325

26.1.7.8.3.1.2 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	1200
Or	BBAN <*BBAN*>	[1..1]	IdentifierSet		1200
Or	UPIC <*UPIC*>	[1..1]	IdentifierSet		1201
Or}	DomesticAccount <*DmstAcct*>	[1..1]			1201
	Identification <*Id*>	[1..1]	Text		1201

26.1.7.8.3.1.2.1 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 1386

Constraints

- **IBAN**

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

26.1.7.8.3.1.2.2 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 1386

26.1.7.8.3.1.2.3 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 1387

26.1.7.8.3.1.2.4 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		1201

26.1.7.8.3.1.2.4.1 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 1392

26.1.7.8.3.2 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]			1202
{Or	AnyBIC <*AnyBIC*>	[1..1]	IdentifierSet	C2	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203
	RegistrationIdentification <*RegnId*>	[0..1]	Text		1203

26.1.7.8.3.2.1 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	1202
Or	ProprietaryIdentification <*PrtryId*>	[1..1]	±		1202
Or}	NameAndAddress <*NmAndAdr*>	[1..1]			1202
	Name <*Nm*>	[1..1]	Text		1203
	Address <*Adr*>	[1..1]	±		1203

26.1.7.8.3.2.1.1 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 1386

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.

26.1.7.8.3.2.1.2 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 1097 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1098
	Issuer <*Issr*>	[1..1]	Text		1098
	SchemeName <*SchmeNm*>	[0..1]	Text		1098

26.1.7.8.3.2.1.3 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		1203
	Address <*Adr*>	[1..1]	±		1203

26.1.7.8.3.2.1.3.1 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 1393

26.1.7.8.3.2.1.3.2 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 1324 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	StreetName <*StrtNm*>	[0..1]	Text		1324
	PostCodeIdentification <*PstCdId*>	[1..1]	Text		1324
	TownName <*TwnNm*>	[1..1]	Text		1325
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1325
	Country <*Ctry*>	[1..1]	CodeSet	C2	1325

26.1.7.8.3.2.2 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 1392

26.1.7.8.3.3 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		1204
	DateOfSignature <*DtOfSgntr*>	[0..1]	Date		1204
	MandateImage <*MndtImg*>	[0..1]	Binary		1204

26.1.7.8.3.3.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 1392

26.1.7.8.3.3.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 1385

26.1.7.8.3.3.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 1332

26.1.7.9 RecurringTransaction4

Definition: Financial loan (instalment) or a recurring transaction.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <*InstlmtPlan*>	[0..*]	CodeSet		1205
	PlanIdentification <*PlanId*>	[0..1]	Text		1205
	PlanOwner <*PlanOwnr*>	[0..1]	CodeSet		1206
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1206
	PeriodUnit <*PrdUnit*>	[0..1]	CodeSet		1206
	InstalmentPeriod <*InstlmtPrd*>	[0..1]	Quantity		1206
	TotalNumberOfPayments <*TtlNbOfPmts*>	[0..1]	Quantity		1207
	FirstPaymentDate <*FrstPmtDt*>	[0..1]	Date		1207
	TotalAmount <*TtlAmt*>	[0..1]	Amount	C5	1207
	FirstAmount <*FrstAmt*>	[0..1]	Amount		1207
	SubsequentAmount <*SbsqntAmt*>	[0..1]	Amount		1207
	LastAmount <*LastAmt*>	[0..1]	Amount		1207
	Charges <*Chrgs*>	[0..1]	Amount		1207
	DetailedCharges <*DtldChrgs*>	[0..*]	±		1208
	InterestRate <*IntrstRate*>	[0..*]			1208
	Type <*Tp*>	[0..1]	CodeSet		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209
	GracePeriod <*GracePrd*>	[0..*]	±		1209

26.1.7.9.1 InstalmentPlan <InstlmtPlan>

Presence: [0..*]

Definition: Type of instalment plan.

Datatype: "InstalmentPlan1Code" on page 1361

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.

26.1.7.9.2 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the instalment plan.

Datatype: "Max35Text" on page 1392

26.1.7.9.3 PlanOwner <PlanOwnr>

Presence: [0..1]

Definition: Type of the Plan Owner.

Datatype: "PlanOwner1Code" on page 1372

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.

26.1.7.9.4 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 1388

26.1.7.9.5 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 1359

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

26.1.7.9.6 InstalmentPeriod <InstlmtPrd>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 1388

26.1.7.9.7 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 1388

26.1.7.9.8 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 1385

26.1.7.9.9 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Cumulative amount of all the instalments.

Impacted by: C5 "ValidationByTable"

Datatype: "CurrencyAndAmount" on page 1331

Constraints

- **ValidationByTable**

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

26.1.7.9.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.9.11 SubsequentAmount <SbsqntAmt>

Presence: [0..1]

Definition: Amount of subsequent payments but the first one.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.9.12 LastAmount <LastAmt>

Presence: [0..1]

Definition: Amount of the last payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.9.13 Charges <Chrgs>

Presence: [0..1]

Definition: Charges related to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.9.14 DetailedCharges <DtldChrgs>

Presence: [0..*]

Definition: Contains the charge details of an instalment plan.

DetailedCharges <DtldChrgs> contains the following elements (see "InstalmentAmountDetails1" on page 852 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[0..1]	CodeSet		852
	OtherType <*OthrTp*>	[0..1]	Text		853
	SubType <*SubTp*>	[0..1]	Text		853
	Amount <*Amt*>	[0..1]	±		853
	Percentage <*Pctg*>	[0..1]	Rate		853

26.1.7.9.15 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		1208
	OtherType <*OthrTp*>	[0..1]	Text		1208
	Period <*Prd*>	[1..1]	CodeSet		1209
	Rate <*Rate*>	[1..1]	Rate		1209

26.1.7.9.15.1 Type <Tp>

Presence: [0..1]

Definition: Interest rate applicable to the instalment.

Datatype: "InterestRate1Code" on page 1361

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

26.1.7.9.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 1392

26.1.7.9.15.3 Period <Prd>

Presence: [1..1]

Definition: Contains instalment period

Datatype: "InstalmentPeriod1Code" on page 1361

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

26.1.7.9.15.4 Rate <Rate>

Presence: [1..1]

Definition: Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

Datatype: "BaseOneRate" on page 1388

26.1.7.9.16 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "GracePeriod1" on page 858 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Time <*Tm*>	[1..1]	Text		858
	UnitType <*UnitTp*>	[1..1]	CodeSet		858
	OtherUnitType <*OthrUnitTp*>	[0..1]	Text		858

26.1.7.10 RetailerPaymentResult4

Definition: Payment Data Results.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionType <*TxTp*>	[1..1]	CodeSet		1212
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		1213
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		1213
	RequestedTransaction <*ReqdTx*>	[0..1]	±		1214
	TransactionResponse <*TxRspn*>	[0..1]			1218
	AuthorisationResult <*AuthstnRslt*>	[1..1]			1221
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1221
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1221
	Response <*Rspn*>	[1..1]	CodeSet		1222
	ResponseReason <*RspnRsn*>	[0..1]	Text		1222
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1222
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1222
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1222
	TMSTrigger <*TMSTrggr*>	[0..1]			1223
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1223
	TMSIdentification <*TMSId*>	[0..1]	Text		1223
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1223
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1223
	Method <*Mtd*>	[1..1]	CodeSet		1224
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1225
	Result <*Rslt*>	[0..1]	CodeSet		1225
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1225
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1227
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1227

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1227
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1227
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1227
	Balance <*Bal*>	[0..1]	±		1229
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		1229
	Action <*Actn*>	[0..*]			1230
	ActionType <*ActnTp*>	[1..1]	CodeSet		1230
	MessageToPresent <*MsgToPres*>	[0..1]	±		1231
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			1231
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1232
	TargetCurrency <*TrgtCcy*>	[1..1]			1233
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1233
	NumericCode <*NmrcCd*>	[1..1]	Text		1233
	Decimal <*Dcml*>	[1..1]	Quantity		1233
	Name <*Nm*>	[0..1]	Text		1233
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1234
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1234
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1234
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1234
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1234
	SourceCurrency <*SrcCcy*>	[1..1]			1234
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1234
	NumericCode <*NmrcCd*>	[0..1]	Text		1235
	Decimal <*Dcml*>	[0..1]	Quantity		1235
	Name <*Nm*>	[0..1]	Text		1235
	OriginalAmount <*OrgnlAmt*>	[1..1]			1235
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1235
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1235
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1236
	CommissionDetails <*ComssnDtls*>	[0..*]			1236
	Amount <*Amt*>	[1..1]	Amount		1236

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1236
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1236
	Rate <*Rate*>	[1..1]	Rate		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1237
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1237
	CustomerOrder <*CstmrOrdr*>	[0..*]	±		1237
	ImageCapturedSignature <*ImgCaptrdSgntr*>	[0..1]			1238
	ImageFormat <*ImgFrmt*>	[1..1]	Text		1238
	ImageData <*ImgData*>	[0..1]	Binary		1238
	ImageReference <*ImgRef*>	[0..1]	Text		1239
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1239
	ProtectedCapturedSignature <*PrtctdCaptrdSgntr*>	[0..1]	±		1239
	MerchantOverrideFlag <*MrchntOvrrdFlg*>	[0..1]	Indicator		1239
	CustomerLanguage <*CstmrLang*>	[0..1]	CodeSet	C3	1239
	OnlineFlag <*OnlnFlg*>	[0..1]	Indicator		1239

26.1.7.10.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType12Code" on page 1351

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.

CodeName	Name	Definition
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.

26.1.7.10.2 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service provided by the card payment transaction, in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1353

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.

26.1.7.10.3 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1352

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.

26.1.7.10.4 RequestedTransaction <ReqdTx>

Presence: [0..1]

Definition: Data associated with the Transaction.

RequestedTransaction <ReqdTx> contains the following elements (see "CardPaymentTransaction120" on page 977 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionCapture <*TxCaptr*>	[0..1]	Indicator		981
	TransactionType <*TxTp*>	[1..1]	CodeSet		982
	AdditionalService <*AddtlSvc*>	[0..*]	CodeSet		982
	ServiceAttribute <*SvcAttr*>	[0..1]	CodeSet		983
	LastTransactionFlag <*LastTxFlg*>	[0..1]	Indicator		983
	MerchantCategoryCode <*MrchntCtgyCd*>	[0..1]	Text		984
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		984
	TransactionIdentification <*TxId*>	[1..1]	±		984
	OriginalTransaction <*OrgnlTx*>	[0..1]			984
	SaleReferenceIdentification <*SaleRefId*>	[0..1]	Text		986
	TransactionIdentification <*TxId*>	[1..1]	±		986
	POIIdentification <*POIId*>	[1..1]	±		986
	CurrencyConversion <*CcyConvs*>	[0..1]			986
	Result <*Rslt*>	[1..1]	CodeSet		988
	ResultReason <*RsltRsn*>	[0..1]	Text		988
	ConversionDetails <*ConvsDtls*>	[0..*]			988
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		989
	TargetCurrency <*TrgtCcy*>	[1..1]			990
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	990
	NumericCode <*NmrcCd*>	[1..1]	Text		990
	Decimal <*Dcml*>	[1..1]	Quantity		990
	Name <*Nm*>	[0..1]	Text		990
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		990
	ExchangeRate <*XchgRate*>	[1..1]	Rate		991
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		991
	QuotationDate <*QtnDt*>	[0..1]	DateTime		991
	ValidUntil <*VldUntil*>	[0..1]	DateTime		991
	SourceCurrency <*SrcCcy*>	[1..1]			991
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	991
	NumericCode <*NmrcCd*>	[0..1]	Text		992

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Decimal <*Dcml*>	[0..1]	Quantity		992
	Name <*Nm*>	[0..1]	Text		992
	OriginalAmount <*OrgnlAmt*>	[1..1]			992
	ActualAmount <*ActlAmt*>	[0..1]	Amount		992
	MinimumAmount <*MinAmt*>	[0..1]	Amount		992
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		993
	CommissionDetails <*ComssnDtls*>	[0..*]			993
	Amount <*Amt*>	[1..1]	Amount		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	MarkUpDetails <*MrkUpDtls*>	[0..*]			993
	Rate <*Rate*>	[1..1]	Rate		993
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		993
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		994
	ReconciliationIdentification <*RcncltnId*>	[0..1]	Text		994
	IssuerReferenceData <*IssrRefData*>	[0..1]	Text		994
	IssuerCITIdentification <*IssrCITId*>	[0..1]	Text		994
	MerchantCITIdentification <*MrchntCITId*>	[0..1]	Text		995
	TransactionDetails <*TxDtls*>	[1..1]			995
	Currency <*Ccy*>	[0..1]	CodeSet	C1	997
	TotalAmount <*TtlAmt*>	[1..1]	Amount		998
	CumulativeAmount <*CmltvAmt*>	[0..1]	Amount		998
	AmountQualifier <*AmtQlfr*>	[0..1]	CodeSet		998
	DetailedAmount <*DtldAmt*>	[0..1]	±		998
	RequestedAmount <*ReqdAmt*>	[0..1]	Amount		999
	AuthorisedAmount <*AuthrsdAmt*>	[0..1]	Amount		999
	InvoiceAmount <*InvcAmt*>	[0..1]	Amount		999
	ValidityDate <*VldtyDt*>	[0..1]	Date		999
	OnLineReason <*OnLineRsn*>	[0..*]	CodeSet		999
	UnattendedLevelCategory <*UattnddLvlCtgy*>	[0..1]	Text		1000
	AccountType <*AcctTp*>	[0..1]	CodeSet		1000
	CurrencyConversionResult <*CcyConvsRslt*>	[0..1]			1001

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <*AccptdByCrdhldr*>	[0..1]	Indicator		1003
	Conversion <*Convs*>	[0..1]			1003
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1004
	TargetCurrency <*TrgtCcy*>	[1..1]			1005
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1005
	NumericCode <*NmrcCd*>	[1..1]	Text		1005
	Decimal <*Dcml*>	[1..1]	Quantity		1005
	Name <*Nm*>	[0..1]	Text		1005
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1005
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1006
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1006
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1006
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1006
	SourceCurrency <*SrcCcy*>	[1..1]			1006
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1006
	NumericCode <*NmrcCd*>	[0..1]	Text		1007
	Decimal <*Dcml*>	[0..1]	Quantity		1007
	Name <*Nm*>	[0..1]	Text		1007
	OriginalAmount <*OrgnlAmt*>	[1..1]			1007
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1007
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1007
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1008
	CommissionDetails <*ComssnDtls*>	[0..*]			1008
	Amount <*Amt*>	[1..1]	Amount		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1008
	Rate <*Rate*>	[1..1]	Rate		1008
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1008
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1009
	Instalment <*Instlmt*>	[0..*]	±		1009
	AggregationTransaction <*AggtnTx*>	[0..1]	±		1010

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <*PdctCdSetId*>	[0..1]	Text		1011
	SaleItem <*SaleItm*>	[0..*]	±		1011
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1012
	ReSubmissionCounter <*ReSubmissnCntr*>	[0..1]	Quantity		1012
	AdditionalInformation <*AddtlInf*>	[0..*]			1012
	Identification <*Id*>	[1..1]	Text		1013
	Value <*Val*>	[0..1]	Binary		1013
	ProtectedValue <*PrtctdVal*>	[0..1]	±		1013
	Type <*Tp*>	[0..1]	Text		1013
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1013
	AuthorisationResult <*AuthstnRslt*>	[0..1]			1014
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1014
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1014
	Response <*Rspn*>	[1..1]	CodeSet		1015
	ResponseReason <*RspnRsn*>	[0..1]	Text		1015
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1015
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1015
	MerchantReferenceData <*MrchntRefData*>	[0..1]	Text		1015
	CustomerOrder <*CstmrOrdr*>	[0..1]	±		1015
	CustomerToken <*CstmrTkn*>	[0..1]	±		1016
	CustomerConsent <*CstmrCnsnt*>	[0..1]	Indicator		1017
	CardProgrammeProposed <*CardPrgrmmPropsd*>	[0..*]	Text		1017
	CardProgrammeApplied <*CardPrgrmmApld*>	[0..1]	Text		1017
	SaleToPOIData <*SaleToPOIData*>	[0..1]	Text		1017
	SaleToAcquirerData <*SaleToAcqrrData*>	[0..1]	Text		1017
	SaleToIssuerData <*SaleToIssrData*>	[0..1]	Text		1017
	AdditionalTransactionData <*AddtlTxData*>	[0..*]	Text		1017

26.1.7.10.5 TransactionResponse <TxRspn>

Presence: [0..1]

Definition: Result of the transaction processing.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction114** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <*AuthstnRslt*>	[1..1]			1221
	AuthorisationEntity <*AuthstnNtty*>	[0..1]	±		1221
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1221
	Response <*Rspn*>	[1..1]	CodeSet		1222
	ResponseReason <*RspnRsn*>	[0..1]	Text		1222
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1222
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1222
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1222
	TMSTrigger <*TMSTrggr*>	[0..1]			1223
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1223
	TMSIdentification <*TMSId*>	[0..1]	Text		1223
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1223
	TransactionVerificationResult <*TxVrfctnRslt*>	[0..*]			1223
	Method <*Mtd*>	[1..1]	CodeSet		1224
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1225
	Result <*Rslt*>	[0..1]	CodeSet		1225
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1225
	AllowedProductCode <*AllwdPdctCd*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226
	NotAllowedProductCode <*NotAllwdPdctCd*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226
	AdditionalAvailableProduct <*AddtlAvlblPdct*>	[0..*]			1226
	ProductCode <*PdctCd*>	[1..1]	Text		1227
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1227
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1227
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1227
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1227
	Balance <*Bal*>	[0..1]	±		1229
	ProtectedBalance <*PrtctdBal*>	[0..1]	±		1229

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Action <*Actn*>	[0..*]			1230
	ActionType <*ActnTp*>	[1..1]	CodeSet		1230
	MessageToPresent <*MsgToPres*>	[0..1]	±		1231
	CurrencyConversionEligibility <*CcyConvsElgblty*>	[0..1]			1231
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1232
	TargetCurrency <*TrgtCcy*>	[1..1]			1233
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1233
	NumericCode <*NmrcCd*>	[1..1]	Text		1233
	Decimal <*Dcml*>	[1..1]	Quantity		1233
	Name <*Nm*>	[0..1]	Text		1233
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1234
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1234
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1234
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1234
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1234
	SourceCurrency <*SrcCcy*>	[1..1]			1234
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1234
	NumericCode <*NmrcCd*>	[0..1]	Text		1235
	Decimal <*Dcml*>	[0..1]	Quantity		1235
	Name <*Nm*>	[0..1]	Text		1235
	OriginalAmount <*OrgnlAmt*>	[1..1]			1235
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1235
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1235
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1236
	CommissionDetails <*ComssnDtls*>	[0..*]			1236
	Amount <*Amt*>	[1..1]	Amount		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1236
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1236
	Rate <*Rate*>	[1..1]	Rate		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1237
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1237

26.1.7.10.5.1 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]	±		1221
	ResponseToAuthorisation <*RspnToAuthstn*>	[1..1]			1221
	Response <*Rspn*>	[1..1]	CodeSet		1222
	ResponseReason <*RspnRsn*>	[0..1]	Text		1222
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1222
	AuthorisationCode <*AuthstnCd*>	[0..1]	Text		1222
	CompletionRequired <*CmpltnReqrd*>	[0..1]	Indicator		1222
	TMSTrigger <*TMSTrggr*>	[0..1]			1223
	TMSContactLevel <*TMSCtctLvl*>	[1..1]	CodeSet		1223
	TMSIdentification <*TMSId*>	[0..1]	Text		1223
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1223

26.1.7.10.5.1.1 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 1096 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1096
	Type <*Tp*>	[1..1]	CodeSet		1096
	Issuer <*Issr*>	[0..1]	CodeSet		1097
	Country <*Ctry*>	[0..1]	Text		1097
	ShortName <*ShrtNm*>	[0..1]	Text		1097

26.1.7.10.5.1.2 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		1222
	ResponseReason <*RspnRsn*>	[0..1]	Text		1222
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1222

26.1.7.10.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1376

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

26.1.7.10.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1392

26.1.7.10.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1390

26.1.7.10.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1394

26.1.7.10.5.1.4 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 1387):

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

26.1.7.10.5.1.5 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		1223
	TMSIdentification <*TMSId*>	[0..1]	Text		1223
	TMSContactDateTime <*TMSCtctDtTm*>	[0..1]	DateTime		1223

26.1.7.10.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1380

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.

26.1.7.10.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.10.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1385

26.1.7.10.5.2 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Method <*Mtd*>	[1..1]	CodeSet		1224
	VerificationEntity <*VrfctnNtty*>	[0..1]	CodeSet		1225
	Result <*Rslt*>	[0..1]	CodeSet		1225
	AdditionalResult <*AddtlRslt*>	[0..1]	Text		1225

26.1.7.10.5.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1344

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.

26.1.7.10.5.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1344

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.

26.1.7.10.5.2.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1385

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.

26.1.7.10.5.2.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1393

26.1.7.10.5.3 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		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226

26.1.7.10.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1393

26.1.7.10.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

26.1.7.10.5.4 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		1226
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1226

26.1.7.10.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1393

26.1.7.10.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

26.1.7.10.5.5 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		1227
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1227
	AmountLimit <*AmtLmt*>	[0..1]	Amount		1227
	QuantityLimit <*QtyLmt*>	[0..1]	Quantity		1227
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1227

26.1.7.10.5.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1393

26.1.7.10.5.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

26.1.7.10.5.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.10.5.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1387

26.1.7.10.5.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1383

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.

CodeName	Name	Definition
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.

CodeName	Name	Definition
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

26.1.7.10.5.6 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 851 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		851
	Currency <*Ccy*>	[1..1]	CodeSet	C1	851
	Sign <*Sgn*>	[0..1]	Indicator		852

26.1.7.10.5.7 ProtectedBalance <PrtctdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrtctdBal> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.7.10.5.8 Action <Actn>

Presence: [0..*]

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

Action <Actn> contains the following **Action12** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActionType <*ActnTp*>	[1..1]	CodeSet		1230
	MessageToPresent <*MsgToPres*>	[0..1]	±		1231

26.1.7.10.5.8.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType12Code" on page 1334

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 Authentification through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentification 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 revocated this recurring transaction for this merchant.

26.1.7.10.5.8.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.7.10.5.9 CurrencyConversionEligibility <CcyConvsElgblty>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a card issuer, provided by a dedicated service provider. The currency conversion has to be proposed to the cardholder.

CurrencyConversionEligibility <CcyConvsElgblty> contains the following **CurrencyConversion23** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <*CcyConvsId*>	[0..1]	Text		1232
	TargetCurrency <*TrgtCcy*>	[1..1]			1233
	AlphaCode <*AlphaCd*>	[1..1]	CodeSet	C1	1233
	NumericCode <*NmrcCd*>	[1..1]	Text		1233
	Decimal <*Dcml*>	[1..1]	Quantity		1233
	Name <*Nm*>	[0..1]	Text		1233
	ResultingAmount <*RsltgAmt*>	[1..1]	Amount		1234
	ExchangeRate <*XchgRate*>	[1..1]	Rate		1234
	InvertedExchangeRate <*NvrtdXchgRate*>	[0..1]	Rate		1234
	QuotationDate <*QtnDt*>	[0..1]	DateTime		1234
	ValidUntil <*VldUntil*>	[0..1]	DateTime		1234
	SourceCurrency <*SrcCcy*>	[1..1]			1234
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1234
	NumericCode <*NmrcCd*>	[0..1]	Text		1235
	Decimal <*Dcml*>	[0..1]	Quantity		1235
	Name <*Nm*>	[0..1]	Text		1235
	OriginalAmount <*OrgnlAmt*>	[1..1]			1235
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1235
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1235
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1236
	CommissionDetails <*ComssnDtls*>	[0..*]			1236
	Amount <*Amt*>	[1..1]	Amount		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1236
	MarkUpDetails <*MrkUpDtls*>	[0..*]			1236
	Rate <*Rate*>	[1..1]	Rate		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1237
	DeclarationDetails <*DclrtnDtls*>	[0..*]	±		1237

26.1.7.10.5.9.1 CurrencyConversionIdentification <CcyConvsId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1392

26.1.7.10.5.9.2 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	1233
	NumericCode <*NmrcCd*>	[1..1]	Text		1233
	Decimal <*Dcml*>	[1..1]	Quantity		1233
	Name <*Nm*>	[0..1]	Text		1233

26.1.7.10.5.9.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.7.10.5.9.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.7.10.5.9.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1388

26.1.7.10.5.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.7.10.5.9.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.10.5.9.4 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 1388

26.1.7.10.5.9.5 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 1388

26.1.7.10.5.9.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1385

26.1.7.10.5.9.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1385

26.1.7.10.5.9.8 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AlphaCode <*AlphaCd*>	[0..1]	CodeSet	C1	1234
	NumericCode <*NmrcCd*>	[0..1]	Text		1235
	Decimal <*Dcml*>	[0..1]	Quantity		1235
	Name <*Nm*>	[0..1]	Text		1235

26.1.7.10.5.9.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.7.10.5.9.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1389

26.1.7.10.5.9.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1388

26.1.7.10.5.9.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1392

26.1.7.10.5.9.9 OriginalAmount <OrgnlAmt>

Presence: [1..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ActualAmount <*ActlAmt*>	[0..1]	Amount		1235
	MinimumAmount <*MinAmt*>	[0..1]	Amount		1235
	MaximumAmount <*MaxAmt*>	[0..1]	Amount		1236

26.1.7.10.5.9.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.10.5.9.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.10.5.9.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.10.5.9.10 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1236

26.1.7.10.5.9.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.10.5.9.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1391

26.1.7.10.5.9.11 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Rate <*Rate*>	[1..1]	Rate		1236
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1237

26.1.7.10.5.9.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1388

26.1.7.10.5.9.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1391

26.1.7.10.5.9.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1120 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	MessageDestination <*MsgDstn*>	[1..1]	CodeSet		1121
	InformationQualifier <*InfQlfr*>	[0..1]	CodeSet		1121
	Format <*Frmt*>	[0..1]	CodeSet		1122
	MessageContent <*MsgCntt*>	[0..1]	Text		1123
	MessageContentSignature <*MsgCnttSgntr*>	[0..1]	±		1123
	OutputBarcode <*OutptBrcd*>	[0..1]			1123
	BarcodeType <*BrcdTp*>	[1..1]	CodeSet		1123
	BarcodeValue <*BrcdVal*>	[0..1]	Text		1124
	QRCodeBinaryValue <*QRCdBinryVal*>	[0..1]	Binary		1124
	QRCodeVersion <*QRCdVrsn*>	[0..1]	Text		1124
	QRCodeEncodingMode <*QRCdNcodgMd*>	[1..1]	CodeSet		1124
	QRCodeErrorCorrection <*QRCdErrCrrctn*>	[0..1]	CodeSet		1124
	ResponseRequiredFlag <*RspnReqrdFlg*>	[0..1]	Indicator		1125
	MinimumDisplayTime <*MinDispTm*>	[0..1]	Quantity		1125

26.1.7.10.6 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 1242 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <*CstmrOrdrId*>	[1..1]	Text		1243
	SaleReferenceIdentification <*SaleRefId*>	[1..1]	Text		1243
	OpenOrderState <*OpnOrdrStat*>	[0..1]	Indicator		1243
	StartDate <*StartDt*>	[1..1]	DateTime		1243
	EndDate <*EndDt*>	[0..1]	DateTime		1243
	Unit <*Unit*>	[0..1]	CodeSet		1243
	ForecastedAmount <*FrcstdAmt*>	[1..1]	Amount		1243
	CurrentAmount <*CurAmt*>	[0..1]	Amount		1244
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1244
	AccessedBy <*AccsdBy*>	[0..1]	Text		1244
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1244

26.1.7.10.7 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		1238
	ImageData <*ImgData*>	[0..1]	Binary		1238
	ImageReference <*ImgRef*>	[0..1]	Text		1239
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1239

26.1.7.10.7.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "Max35Text" on page 1392

26.1.7.10.7.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "Max2MBBinary" on page 1332

26.1.7.10.7.3 ImageReference <ImgRef>

Presence: [0..1]

Definition: URL or name of the image.

Datatype: "Max500Text" on page 1393

26.1.7.10.7.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information for the image.

Datatype: "Max140Text" on page 1390

26.1.7.10.8 ProtectedCapturedSignature <PrtctdCaptrdSgntr>

Presence: [0..1]

Definition: Protected value of a handwritten signature.

ProtectedCapturedSignature <PrtctdCaptrdSgntr> contains the following elements (see "ContentInformationType32" on page 1276 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.7.10.9 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 1387):

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

26.1.7.10.10 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1362

Constraints

- **ValidationByTable**

  Must be a valid terrestrial language.

26.1.7.10.11 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 1387):

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

26.1.7.11 ResponseType11

Definition: Response of a requested service.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Response <*Rspn*>	[1..1]	CodeSet		1240
	ResponseReason <*RspnRsn*>	[0..1]	CodeSet		1240
	AdditionalResponseInformation <*AddtlRspnInf*>	[0..1]	Text		1241

26.1.7.11.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the requested transaction.

Datatype: "Response11Code" on page 1375

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.

26.1.7.11.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detail of the response.

Datatype: "RetailerResultDetail1Code" on page 1376

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.

CodeName	Name	Definition
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.

26.1.7.11.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information to be logged for further examination.

Datatype: "Max140Text" on page 1390

26.1.7.12 CustomerDevice3

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..1]	Text		1242
	Type <*Tp*>	[0..1]	Text		1242
	Provider <*Prvdr*>	[0..1]	Text		1242

26.1.7.12.1 Identification <Id>

Presence: [0..1]

Definition: Identifier of the component.

Datatype: "Max35Text" on page 1392

26.1.7.12.2 Type <Tp>

Presence: [0..1]

Definition: Type of component.

Datatype: "Max70Text" on page 1393

26.1.7.12.3 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the component.

Datatype: "Max35Text" on page 1392

26.1.7.13 CustomerOrder1

Definition: Customer order attached to a customer, recorded in the POI system.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <*CstmrOrdrId*>	[1..1]	Text		1243
	SaleReferenceIdentification <*SaleRefId*>	[1..1]	Text		1243
	OpenOrderState <*OpnOrdrStat*>	[0..1]	Indicator		1243
	StartDate <*StartDt*>	[1..1]	DateTime		1243
	EndDate <*EndDt*>	[0..1]	DateTime		1243
	Unit <*Unit*>	[0..1]	CodeSet		1243
	ForecastedAmount <*FrcstdAmt*>	[1..1]	Amount		1243
	CurrentAmount <*CurAmt*>	[0..1]	Amount		1244
	Currency <*Ccy*>	[0..1]	CodeSet	C1	1244
	AccessedBy <*AccsdBy*>	[0..1]	Text		1244
	AdditionalInformation <*AddtlInf*>	[0..1]	Text		1244

26.1.7.13.1 CustomerOrderIdentification <CstmrOrdrId>

Presence: [1..1]

Definition: Identification of a customer order.

Datatype: "Max35Text" on page 1392

26.1.7.13.2 SaleReferenceIdentification <SaleRefId>

Presence: [1..1]

Definition: Identification of a Sale transaction for a sequence of related POI transactions.

Datatype: "Max35Text" on page 1392

26.1.7.13.3 OpenOrderState <OpnOrdrStat>

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 1387):

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

26.1.7.13.4 StartDate <StartDt>

Presence: [1..1]

Definition: Date time of the beginning of an operation.

Datatype: "ISODateTime" on page 1385

26.1.7.13.5 EndDate <EndDt>

Presence: [0..1]

Definition: Date time of the end of an operation.

Datatype: "ISODateTime" on page 1385

26.1.7.13.6 Unit <Unit>

Presence: [0..1]

Definition: Unit of amount.

Datatype: "AmountUnit1Code" on page 1343

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.1.7.13.7 ForecastedAmount <FrcstdAmt>

Presence: [1..1]

Definition: Initial or global amount of the order.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.13.8 CurrentAmount <CurAmt>

Presence: [0..1]

Definition: Total amount of all completed transactions of a customer order.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.13.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1335

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.

26.1.7.13.10 AccessedBy <AccsdBy>

Presence: [0..1]

Definition: Identification of an entity accessing data to perform an operation.

Datatype: "Max35Text" on page 1392

26.1.7.13.11 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Unqualified information related to customer order.

Datatype: "Max1025Text" on page 1389

26.1.7.14 PointOfInteractionCapabilities9

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

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <*CardRdngCpblties*>	[0..*]	CodeSet		1245
	CardholderVerificationCapabilities <*CrdhldrVrfctnCpblties*>	[0..*]	CodeSet		1246
	PINLengthCapabilities <*PINLngthCpblties*>	[0..1]	Quantity		1246
	ApprovalCodeLength <*ApprvlCdLngth*>	[0..1]	Quantity		1246
	MaxScriptLength <*MxScrptLngth*>	[0..1]	Quantity		1247
	CardCaptureCapable <*CardCaptrCpbl*>	[0..1]	Indicator		1247
	OnLineCapabilities <*OnLineCpblties*>	[0..1]	CodeSet		1247
	MessageCapabilities <*MsgCpblties*>	[0..*]			1247
	Destination <*Dstn*>	[1..*]	CodeSet		1247
	AvailableFormat <*AvlblFrmt*>	[0..*]	CodeSet		1248
	NumberOfLines <*NbOfLines*>	[0..1]	Quantity		1248
	LineWidth <*LineWidth*>	[0..1]	Quantity		1248
	AvailableLanguage <*AvlblLang*>	[0..*]	CodeSet	C3	1248

26.1.7.14.1 CardReadingCapabilities <CardRdngCpblties>

Presence: [0..*]

Definition: Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardDataReading8Code" on page 1349

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.)

26.1.7.14.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

Presence: [0..*]

Definition: Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardholderVerificationCapability4Code" on page 1350

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.

26.1.7.14.3 PINLengthCapabilities <PINLngthCpblties>

Presence: [0..1]

Definition: Maximum number of digits the POI is able to accept when the cardholder enters its PIN.

Datatype: "PositiveNumber" on page 1388

26.1.7.14.4 ApprovalCodeLength <ApprvlCdLngth>

Presence: [0..1]

Definition: Maximum number of characters of the approval code the POI is able to manage.

Datatype: "PositiveNumber" on page 1388

26.1.7.14.5 MaxScriptLength <MxScrptLngth>

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 1388

26.1.7.14.6 CardCaptureCapable <CardCaptrCpbl>

Presence: [0..1]

Definition: True if the POI is able to capture card.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.7.14.7 OnLineCapabilities <OnLineCpblties>

Presence: [0..1]

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Datatype: "OnLineCapability1Code" on page 1367

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.

26.1.7.14.8 MessageCapabilities <MsgCpblties>

Presence: [0..*]

Definition: Capabilities of the terminal to display or print message to the cardholder and the merchant.

MessageCapabilities <MsgCpblties> contains the following **DisplayCapabilities4** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Destination <*Dstn*>	[1..*]	CodeSet		1247
	AvailableFormat <*AvlblFrmt*>	[0..*]	CodeSet		1248
	NumberOfLines <*NbOfLines*>	[0..1]	Quantity		1248
	LineWidth <*LineWidth*>	[0..1]	Quantity		1248
	AvailableLanguage <*AvlblLang*>	[0..*]	CodeSet	C3	1248

26.1.7.14.8.1 Destination <Dstn>

Presence: [1..*]

Definition: Destination of the message to present.

Datatype: "UserInterface4Code" on page 1384

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.

26.1.7.14.8.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 1368

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.

26.1.7.14.8.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 1388

26.1.7.14.8.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 1388

26.1.7.14.8.5 AvailableLanguage <AvlblLang>

Presence: [0..*]

Definition: Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C3 "ValidationByTable"

Datatype: "LanguageCode" on page 1362

Constraints

- **ValidationByTable**

  Must be a valid terrestrial language.

26.1.7.15 AggregationTransaction3

Definition: Payment transaction with an aggregated amount.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <*FrstPmtDtTm*>	[0..1]	DateTime		1249
	LastPaymentDateTime <*LastPmtDtTm*>	[0..1]	DateTime		1249
	NumberOfPayments <*NbOfPmts*>	[0..1]	Quantity		1249
	IndividualPayment <*IndvPmt*>	[0..*]			1249
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

26.1.7.15.1 FirstPaymentDateTime <FrstPmtDtTm>

Presence: [0..1]

Definition: Date and time of the first payment.

Datatype: "ISODateTime" on page 1385

26.1.7.15.2 LastPaymentDateTime <LastPmtDtTm>

Presence: [0..1]

Definition: Date and time of the last payment.

Datatype: "ISODateTime" on page 1385

26.1.7.15.3 NumberOfPayments <NbOfPmts>

Presence: [0..1]

Definition: Total number of payments that has been aggregated.

Datatype: "Number" on page 1388

26.1.7.15.4 IndividualPayment <IndvPmt>

Presence: [0..*]

Definition: Individual payment that has been aggregated.

IndividualPayment <IndvPmt> contains the following **DetailedAmount21** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Amount <*Amt*>	[1..1]	Amount		1250
	DateTime <*DtTm*>	[1..1]	DateTime		1250
	CardDataEntryMode <*CardDataNtryMd*>	[0..1]	CodeSet		1250
	ICCRelatedData <*ICCRltdData*>	[0..1]	Binary		1251
	Label <*Labl*>	[0..1]	Text		1251

26.1.7.15.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.15.4.2 DateTime <DtTm>

Presence: [1..1]

Definition: Date and time of the payment.

Datatype: "ISODateTime" on page 1385

26.1.7.15.4.3 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Card data entry mode for the related payment.

Datatype: "CardDataReading8Code" on page 1349

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.)

26.1.7.15.4.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data of an integrated circuit card application for the related payment.

Datatype: "Max10000Binary" on page 1331

26.1.7.15.4.5 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1390

26.1.7.16 Product6

Definition: Purchased item.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ItemIdentification <*ItmId*>	[0..1]	Text		1252
	ProductCode <*PdctCd*>	[1..1]	Text		1252
	AdditionalProductCode <*AddtlPdctCd*>	[0..1]	Text		1252
	UnitOfMeasure <*UnitOfMeasr*>	[0..1]	CodeSet		1252
	ProductQuantity <*PdctQty*>	[0..1]	Quantity		1254
	UnitPrice <*UnitPric*>	[0..1]	Amount		1254
	UnitPriceSign <*UnitPricSgn*>	[0..1]	Indicator		1254
	ProductAmount <*PdctAmt*>	[1..1]	Amount		1254
	ProductAmountSign <*PdctAmtSgn*>	[0..1]	Indicator		1254
	ValueAddedTax <*ValAddedTax*>	[0..1]	Amount		1254
	TaxType <*TaxTp*>	[0..1]	Text		1255
	ProductDescription <*PdctDesc*>	[0..1]	Text		1255
	DeliveryLocation <*DlvryLctn*>	[0..1]	Text		1255
	DeliveryService <*DlvrySvc*>	[0..1]	CodeSet		1255
	SaleChannel <*SaleChanl*>	[0..1]	Text		1255
	AdditionalProductDescription <*AddtlPdctDesc*>	[0..1]	Text		1255

26.1.7.16.1 ItemIdentification <ItmId>

Presence: [0..1]

Definition: Identification of the item inside the purchase transaction.

Datatype: "Max35Text" on page 1392

26.1.7.16.2 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1393

26.1.7.16.3 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1393

26.1.7.16.4 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1383

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.

CodeName	Name	Definition
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
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.

CodeName	Name	Definition
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

26.1.7.16.5 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Product quantity.

Datatype: "DecimalNumber" on page 1387

26.1.7.16.6 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Price per unit of product.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.16.7 UnitPriceSign <UnitPricSgn>

Presence: [0..1]

Definition: Sign of the unit price.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1387):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

26.1.7.16.8 ProductAmount <PdctAmt>

Presence: [1..1]

Definition: Monetary value of purchased product.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.16.9 ProductAmountSign <PdctAmtSgn>

Presence: [0..1]

Definition: Sign of the product amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1387):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

26.1.7.16.10 ValueAddedTax <ValAddedTax>

Presence: [0..1]

Definition: Value added tax amount of the item included in the product amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1331

26.1.7.16.11 TaxType <TaxTp>

Presence: [0..1]

Definition: Information on tax paid on the product.

Datatype: "Max35Text" on page 1392

26.1.7.16.12 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 1390

26.1.7.16.13 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max10Text" on page 1389

26.1.7.16.14 DeliveryService <DlvrySvc>

Presence: [0..1]

Definition: Identify the method of delivery or distribution of the item.

Datatype: "AttendanceContext2Code" on page 1343

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.

26.1.7.16.15 SaleChannel <SaleChanl>

Presence: [0..1]

Definition: Commercial or distribution channel associated to the line item.

Datatype: "Max70Text" on page 1393

26.1.7.16.16 AdditionalProductDescription <AddtlPdctDesc>

Presence: [0..1]

Definition: Additional information related to the line item.

Datatype: "Max256Text" on page 1391

26.1.7.17 Vehicle1

Definition: Information related to a vehicle used during a transaction.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	VehicleNumber <*VhclNb*>	[0..1]	Text		1256
	TrailerNumber <*TrlrNb*>	[0..1]	Text		1256
	VehicleTag <*VhclTag*>	[0..1]	Text		1257
	VehicleTagEntryMode <*VhclTagNtryMd*>	[0..1]	CodeSet		1257
	UnitNumber <*UnitNb*>	[0..1]	Text		1257
	ReplacementCar <*RplcmntCar*>	[0..1]	Indicator		1257
	Odometer <*Odmtr*>	[0..1]	Quantity		1257
	Hubometer <*Hbmtr*>	[0..1]	Quantity		1258
	TrailerHours <*TrlrHrs*>	[0..1]	Text		1258
	ReferHours <*RefrHrs*>	[0..1]	Text		1258
	MaintenanceIdentification <*MntncId*>	[0..1]	Text		1258
	DriverOrVehicleCard <*DrvrOrVhclCard*>	[0..1]			1258
	PAN <*PAN*>	[0..1]	Text		1258
	Track1 <*Trck1*>	[0..1]	Text		1259
	Track2 <*Trck2*>	[0..1]	Text		1259
	Track3 <*Trck3*>	[0..1]	Text		1259
	AdditionalCardData <*AddtlCardData*>	[0..*]	Text		1259
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1259
	AdditionalVehicleData <*AddtlVhclData*>	[0..*]			1260
	Type <*Tp*>	[0..1]	Text		1260
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1260
	Data <*Data*>	[1..1]	Text		1261

26.1.7.17.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Number assigned to the vehicle for identification.

Datatype: "Max35NumericText" on page 1392

26.1.7.17.2 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Number assigned to the vehicle trailer for identification.

Datatype: "Max35NumericText" on page 1392

26.1.7.17.3 VehicleTag <VhclTag>

Presence: [0..1]

Definition: Registration tag of the vehicle.

Datatype: "Max35Text" on page 1392

26.1.7.17.4 VehicleTagEntryMode <VhclTagNtryMd>

Presence: [0..1]

Definition: Entry mode of the registration tag.

Datatype: "CardDataReading5Code" on page 1349

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.

26.1.7.17.5 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identification of the vehicle in the fleet.

Datatype: "Max35NumericText" on page 1392

26.1.7.17.6 ReplacementCar <RplcmntCar>

Presence: [0..1]

Definition: True if the car is a replacement car.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1387):

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

26.1.7.17.7 Odometer <Odmtr>

Presence: [0..1]

Definition: Odometer reading value indicating the distance travelled by the vehicle.

Datatype: "DecimalNumber" on page 1387

26.1.7.17.8 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer.

Datatype: "DecimalNumber" on page 1387

26.1.7.17.9 TrailerHours <TrlrHrs>

Presence: [0..1]

Definition: Number of hours the trailer has been in operation.

Datatype: "Max35Text" on page 1392

26.1.7.17.10 ReferHours <RefrHrs>

Presence: [0..1]

Definition: Number of hours the refer unit has been in operation.

Datatype: "Max35Text" on page 1392

26.1.7.17.11 MaintenanceIdentification <MntncId>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 1392

26.1.7.17.12 DriverOrVehicleCard <DrvrOrVhclCard>

Presence: [0..1]

Definition: Second card presented for the payment transaction.

DriverOrVehicleCard <DrvrOrVhclCard> contains the following **PlainCardData17** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PAN <*PAN*>	[0..1]	Text		1258
	Track1 <*Trck1*>	[0..1]	Text		1259
	Track2 <*Trck2*>	[0..1]	Text		1259
	Track3 <*Trck3*>	[0..1]	Text		1259
	AdditionalCardData <*AddtlCardData*>	[0..*]	Text		1259
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1259

26.1.7.17.12.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card.

Datatype: "Min8Max28NumericText" on page 1395

26.1.7.17.12.2 Track1 <Trck1>

Presence: [0..1]

Definition: ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max76Text" on page 1393

26.1.7.17.12.3 Track2 <Trck2>

Presence: [0..1]

Definition: ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max37Text" on page 1392

26.1.7.17.12.4 Track3 <Trck3>

Presence: [0..1]

Definition: ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max104Text" on page 1389

26.1.7.17.12.5 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

Datatype: "Max35Text" on page 1392

26.1.7.17.12.6 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the card.

Datatype: "CardDataReading5Code" on page 1349

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.

26.1.7.17.13 AdditionalVehicleData <AddtlVhclData>

Presence: [0..*]

Definition: Additional information related to the vehicle.

AdditionalVehicleData <AddtlVhclData> contains the following **Vehicle2** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[0..1]	Text		1260
	EntryMode <*NtryMd*>	[0..1]	CodeSet		1260
	Data <*Data*>	[1..1]	Text		1261

26.1.7.17.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 1392

26.1.7.17.13.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 1349

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.

26.1.7.17.13.3 Data <Data>

Presence: [1..1]

Definition: Information related to the vehicle.

Datatype: "Max35Text" on page 1392

26.1.7.18 EncapsulatedContent3

Definition: Data to authenticate.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1261
	Content <*Cntt*>	[0..1]	Binary		1261

26.1.7.18.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 1354

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).

26.1.7.18.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 1332

26.1.7.19 TransactionIdentifier1

Definition: Identification of the transaction in an unambiguous way.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <*TxDtTm*>	[1..1]	DateTime		1262
	TransactionReference <*TxRef*>	[1..1]	Text		1262

26.1.7.19.1 TransactionDateTime <TxDtTm>

Presence: [1..1]

Definition: Local date and time of the transaction assigned by the POI (Point Of Interaction).

Datatype: "ISODateTime" on page 1385

26.1.7.19.2 TransactionReference <TxRef>

Presence: [1..1]

Definition: Identification of the transaction that has to be unique for a time period.

Datatype: "Max35Text" on page 1392

26.1.8 Monitoring

26.1.8.1 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]	±		1262
	ProtocolName <*PrtcolNm*>	[0..1]	Text		1263
	ProtocolVersion <*PrtcolVrsn*>	[0..1]	Text		1263
	TraceDateTimeIn <*TracDtTmIn*>	[1..1]	DateTime		1263
	TraceDateTimeOut <*TracDtTmOut*>	[1..1]	DateTime		1263

26.1.8.1.1 RelayIdentification <RlayId>

Presence: [1..1]

Definition: Identification of a partner of a message exchange.

RelayIdentification <RlayId> contains the following elements (see "GenericIdentification177" on page 1090 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1090
	Type <*Tp*>	[0..1]	CodeSet		1091
	Issuer <*Issr*>	[0..1]	CodeSet		1091
	Country <*Ctry*>	[0..1]	Text		1092
	ShortName <*ShrtNm*>	[0..1]	Text		1092
	RemoteAccess <*RmotAccs*>	[0..1]	±		1092
	Geolocation <*Glctn*>	[0..1]			1092
	GeographicCoordinates <*GeogcCordints*>	[0..1]			1093
	Latitude <*Lat*>	[1..1]	Text		1093
	Longitude <*Long*>	[1..1]	Text		1093
	UTMCoordinates <*UTMCordints*>	[0..1]			1093
	UTMZone <*UTMZone*>	[1..1]	Text		1094
	UTMEastward <*UTMEstwrd*>	[1..1]	Text		1094
	UTMNorthward <*UTMNrthwrd*>	[1..1]	Text		1094

26.1.8.1.2 ProtocolName <PrtcolNm>

Presence: [0..1]

Definition: Name of the outgoing protocol used by the node.

Datatype: "Max35Text" on page 1392

26.1.8.1.3 ProtocolVersion <PrtcolVrsn>

Presence: [0..1]

Definition: Version of the protocol.

Datatype: "Max6Text" on page 1393

26.1.8.1.4 TraceDateTimeIn <TracDtTmIn>

Presence: [1..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "ISODateTime" on page 1385

26.1.8.1.5 TraceDateTimeOut <TracDtTmOut>

Presence: [1..1]

Definition: Date and time of the outgoing exchange for relaying or processing.

Datatype: "ISODateTime" on page 1385

26.1.9 Network Access

26.1.9.1 NetworkParameters7

Definition: Parameters to communicate with a host.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Address <*Adr*>	[1..*]			1264
	NetworkType <*NtwkTp*>	[1..1]	CodeSet		1264
	AddressValue <*AdrVal*>	[1..1]	Text		1264
	UserName <*UsrNm*>	[0..1]	Text		1265
	AccessCode <*AccsCd*>	[0..1]	Binary		1265
	ServerCertificate <*SvrCert*>	[0..*]	Binary		1265
	ServerCertificateIdentifier <*SvrCertIdr*>	[0..*]	Binary		1265
	ClientCertificate <*ClntCert*>	[0..*]	Binary		1265
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1265

26.1.9.1.1 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		1264
	AddressValue <*AdrVal*>	[1..1]	Text		1264

26.1.9.1.1.1 NetworkType <NtwkTp>

Presence: [1..1]

Definition: Type of communication network.

Datatype: "NetworkType1Code" on page 1366

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

26.1.9.1.1.2 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 1393

26.1.9.1.2 UserName <UsrNm>

Presence: [0..1]

Definition: User name identifying the client.

Datatype: "Max35Text" on page 1392

26.1.9.1.3 AccessCode <AccsCd>

Presence: [0..1]

Definition: Password authenticating the client.

Datatype: "Max35Binary" on page 1333

26.1.9.1.4 ServerCertificate <SvrCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the server.

Datatype: "Max10KBinary" on page 1332

26.1.9.1.5 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 1332

26.1.9.1.6 ClientCertificate <ClntCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the client.

Datatype: "Max10KBinary" on page 1332

26.1.9.1.7 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to access the host.

Datatype: "Max35Text" on page 1392

26.1.10 Postal Address

26.1.10.1 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		1266
	AddressLine <*AdrLine*>	[0..5]	Text		1266
	StreetName <*StrtNm*>	[0..1]	Text		1266
	BuildingNumber <*BldgNb*>	[0..1]	Text		1266
	PostCode <*PstCd*>	[0..1]	Text		1267
	TownName <*TwnNm*>	[0..1]	Text		1267
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1267
	Country <*Ctry*>	[1..1]	CodeSet	C2	1267

26.1.10.1.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 1335

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.

26.1.10.1.2 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 1393

26.1.10.1.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1393

26.1.10.1.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 1390

26.1.10.1.5 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 1390

26.1.10.1.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 1392

26.1.10.1.7 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 1392

26.1.10.1.8 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1355

Constraints

- **Country**

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

26.1.10.2 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		1268
	Department <*Dept*>	[0..1]	Text		1268
	SubDepartment <*SubDept*>	[0..1]	Text		1268
	AddressLine <*AdrLine*>	[0..2]	Text		1268
	StreetName <*StrtNm*>	[0..1]	Text		1269
	BuildingNumber <*BldgNb*>	[0..1]	Text		1269
	PostCode <*PstCd*>	[0..1]	Text		1269
	TownName <*TwnNm*>	[0..1]	Text		1269
	CountrySubDivision <*CtrySubDvsn*>	[0..2]	Text		1269
	CountryCode <*CtryCd*>	[0..1]	Text		1269

26.1.10.2.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 1335

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.

26.1.10.2.2 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 1393

26.1.10.2.3 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 1393

26.1.10.2.4 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 1393

26.1.10.2.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1393

26.1.10.2.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 1390

26.1.10.2.7 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 1390

26.1.10.2.8 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max70Text" on page 1393

26.1.10.2.9 CountrySubDivision <CtrySubDvsn>

Presence: [0..2]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 1392

26.1.10.2.10 CountryCode <CtryCd>

Presence: [0..1]

Definition: Nation with its own government.

Datatype: "Min2Max3AlphaText" on page 1394

26.1.11 Secure Element

26.1.11.1 DigestedData5

Definition: Digest computed on the identified data.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1270
	DigestAlgorithm <*DgstAlgo*>	[1..1]	±		1270
	EncapsulatedContent <*NcpsltdCntt*>	[1..1]	±		1270
	Digest <*Dgst*>	[1..1]	Binary		1270

26.1.11.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.1.2 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification21" on page 1320 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1320

26.1.11.1.3 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data on which the digest is computed.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "EncapsulatedContent3" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1261
	Content <*Cntt*>	[0..1]	Binary		1261

26.1.11.1.4 Digest <Dgst>

Presence: [1..1]

Definition: Result of data-digesting process.

Datatype: "Max140Binary" on page 1332

26.1.11.2 SignedData7

Definition: Digital signatures of data from one or several signers.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1271
	DigestAlgorithm <*DgstAlgo*>	[0..*]	±		1271
	EncapsulatedContent <*NcpsltdCntt*>	[0..1]	±		1272
	Certificate <*Cert*>	[0..*]	Binary		1272
	Signer <*Sgnr*>	[0..*]			1272
	Version <*Vrsn*>	[0..1]	Quantity		1273
	SignerIdentification <*SgnrId*>	[0..1]			1273
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1273
	Issuer <*Issr*>	[1..1]			1273
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1274
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274
	SerialNumber <*SrlNb*>	[1..1]	Binary		1274
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1275
	DigestAlgorithm <*DgstAlgo*>	[1..1]	±		1275
	SignedAttributes <*SgndAttrbts*>	[0..*]			1275
	Name <*Nm*>	[1..1]	Text		1275
	Value <*Val*>	[0..1]	Text		1275
	SignatureAlgorithm <*SgntrAlgo*>	[1..1]	±		1276
	Signature <*Sgntr*>	[1..1]	Binary		1276

26.1.11.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.2.2 DigestAlgorithm <DgstAlgo>

Presence: [0..*]

Definition: Identification of digest algorithm applied before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification21" on page 1320 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1320

26.1.11.2.3 EncapsulatedContent <NcpsltdCntt>

Presence: [0..1]

Definition: Data to sign.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "EncapsulatedContent3" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1261
	Content <*Cntt*>	[0..1]	Binary		1261

26.1.11.2.4 Certificate <Cert>

Presence: [0..*]

Definition: Chain of X.509 certificates.

Datatype: "Max5000Binary" on page 1333

26.1.11.2.5 Signer <Sgnr>

Presence: [0..*]

Definition: Digital signature and identification of a signer.

Signer <Sgnr> contains the following **Signer6** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1273
	SignerIdentification <*SgnrId*>	[0..1]			1273
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1273
	Issuer <*Issr*>	[1..1]			1273
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1274
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274
	SerialNumber <*SrlNb*>	[1..1]	Binary		1274
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1275
	DigestAlgorithm <*DgstAlgo*>	[1..1]	±		1275
	SignedAttributes <*SgndAttrbts*>	[0..*]			1275
	Name <*Nm*>	[1..1]	Text		1275
	Value <*Val*>	[0..1]	Text		1275
	SignatureAlgorithm <*SgntrAlgo*>	[1..1]	±		1276
	Signature <*Sgntr*>	[1..1]	Binary		1276

26.1.11.2.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the Cryptographic Message Syntax (CMS) data structure.

Datatype: "Number" on page 1388

26.1.11.2.5.2 SignerIdentification <SgnrId>

Presence: [0..1]

Definition: Identification of the entity who has signed the data.

SignerIdentification <SgnrId> contains one of the following **Recipient12Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1273
	Issuer <*Issr*>	[1..1]			1273
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1274
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274
	SerialNumber <*SrlNb*>	[1..1]	Binary		1274
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1275

26.1.11.2.5.2.1 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]			1273
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1274
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274
	SerialNumber <*SrlNb*>	[1..1]	Binary		1274

26.1.11.2.5.2.1.1 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..*]			1274
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274

26.1.11.2.5.2.1.1.1 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		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274

26.1.11.2.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1343

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).

26.1.11.2.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1390

26.1.11.2.5.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1333

26.1.11.2.5.2.2 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "KEKIdentifier7" on page 1125 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeyIdentification <*KeyId*>	[1..1]	Text		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.11.2.5.3 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 1320 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1320

26.1.11.2.5.4 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		1275
	Value <*Val*>	[0..1]	Text		1275

26.1.11.2.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 1393

26.1.11.2.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 1390

26.1.11.2.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "AlgorithmIdentification30" on page 1308 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1309
	Parameter <*Param*>	[0..1]			1310
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1311
	MaskGeneratorAlgorithm <*MskGnrtrAlgo*>	[0..1]			1311
	Algorithm <*Algo*>	[1..1]	CodeSet		1312
	Parameter <*Param*>	[0..1]			1312
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1312
	SaltLength <*SaltLngth*>	[0..1]	Quantity		1312
	TrailerField <*TrlrFld*>	[0..1]	Quantity		1312
	OIDCurveName <*OIDCrvNm*>	[0..1]	Text		1313

26.1.11.2.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "Max3000Binary" on page 1333

26.1.11.3 ContentInformationType32

Definition: General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1276
	EnvelopedData <*EnvlpdData*>	[1..1]	±		1277

26.1.11.3.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1354

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).

CodeName	Name	Definition
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).

26.1.11.3.2 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 "EnvelopedData9" on page 1278 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1279
	OriginatorInformation <*OrgtrInf*>	[0..1]			1280
	Certificate <*Cert*>	[0..*]	Binary		1280
	Recipient <*Rcpt*>	[1..*]			1280
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1281
	Version <*Vrsn*>	[0..1]	Quantity		1282
	RecipientIdentification <*RcptId*>	[1..1]			1282
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1282
	Issuer <*Issr*>	[1..1]			1283
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284
	SerialNumber <*SrlNb*>	[1..1]	Binary		1284
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1284
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1284
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1285
Or	KEK <*KEK*>	[1..1]			1285
	Version <*Vrsn*>	[0..1]	Quantity		1285
	KEKIdentification <*KEKId*>	[1..1]	±		1285
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1286
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1286
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1286
	EncryptedContent <*NcrptdCntt*>	[0..1]			1287
	ContentType <*CnttTp*>	[1..1]	CodeSet		1287
	ContentEncryptionAlgorithm <*CnttNcrptnAlgo*>	[0..1]	±		1287
	EncryptedData <*NcrptdData*>	[1..1]	Binary		1288

26.1.11.4 EnvelopedData9

Definition: Encrypted data with encryption key.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1279
	OriginatorInformation <*OrgtrInf*>	[0..1]			1280
	Certificate <*Cert*>	[0..*]	Binary		1280
	Recipient <*Rcpt*>	[1..*]			1280
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1281
	Version <*Vrsn*>	[0..1]	Quantity		1282
	RecipientIdentification <*RcptId*>	[1..1]			1282
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1282
	Issuer <*Issr*>	[1..1]			1283
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284
	SerialNumber <*SrlNb*>	[1..1]	Binary		1284
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1284
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1284
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1285
Or	KEK <*KEK*>	[1..1]			1285
	Version <*Vrsn*>	[0..1]	Quantity		1285
	KEKIdentification <*KEKId*>	[1..1]	±		1285
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1286
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1286
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1286
	EncryptedContent <*NcrptdCntt*>	[0..1]			1287
	ContentType <*CnttTp*>	[1..1]	CodeSet		1287
	ContentEncryptionAlgorithm <*CnttNcrptnAlgo*>	[0..1]	±		1287
	EncryptedData <*NcrptdData*>	[1..1]	Binary		1288

26.1.11.4.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.4.2 OriginatorInformation <OrgtrInf>

Presence: [0..1]

Definition: Provides certificates of the originator.

OriginatorInformation <OrgtrInf> contains the following **OriginatorInformation1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Certificate <*Cert*>	[0..*]	Binary		1280

26.1.11.4.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 1333

26.1.11.4.3 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or identification of the protection key used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient11Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1281
	Version <*Vrsn*>	[0..1]	Quantity		1282
	RecipientIdentification <*RcptId*>	[1..1]			1282
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1282
	Issuer <*Issr*>	[1..1]			1283
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284
	SerialNumber <*SrlNb*>	[1..1]	Binary		1284
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1284
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1284
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1285
Or	KEK <*KEK*>	[1..1]			1285
	Version <*Vrsn*>	[0..1]	Quantity		1285
	KEKIdentification <*KEKId*>	[1..1]	±		1285
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1286
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1286
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1286

26.1.11.4.3.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport8** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1282
	RecipientIdentification <*RcptId*>	[1..1]			1282
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1282
	Issuer <*Issr*>	[1..1]			1283
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284
	SerialNumber <*SrlNb*>	[1..1]	Binary		1284
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1284
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1284
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1285

26.1.11.4.3.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.4.3.1.2 RecipientIdentification <RcptId>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <RcptId> contains one of the following **Recipient12Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1282
	Issuer <*Issr*>	[1..1]			1283
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284
	SerialNumber <*SrlNb*>	[1..1]	Binary		1284
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1284

26.1.11.4.3.1.2.1 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]			1283
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284
	SerialNumber <*SrlNb*>	[1..1]	Binary		1284

26.1.11.4.3.1.2.1.1 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..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284

26.1.11.4.3.1.2.1.1.1 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		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284

26.1.11.4.3.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1343

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).

26.1.11.4.3.1.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1390

26.1.11.4.3.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1333

26.1.11.4.3.1.2.2 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "KEKIdentifier7" on page 1125 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeyIdentification <*KeyId*>	[1..1]	Text		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.11.4.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification19" on page 1320 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1321
	Parameter <*Param*>	[0..1]			1321
	EncryptionFormat <*NcrptnFrmt*>	[0..1]	CodeSet		1321
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1322
	MaskGeneratorAlgorithm <*MskGnrtrAlgo*>	[0..1]	±		1322

26.1.11.4.3.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1333

26.1.11.4.3.2 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		1285
	KEKIdentification <*KEKId*>	[1..1]	±		1285
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1286
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1286

26.1.11.4.3.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.4.3.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 1125 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeyIdentification <*KeyId*>	[1..1]	Text		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.11.4.3.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification29" on page 1313 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1313
	Parameter <*Param*>	[0..1]			1315
	EncryptionFormat <*NcrptnFrmt*>	[0..1]	CodeSet		1315
	InitialisationVector <*InitlstnVctr*>	[0..1]	Binary		1316
	BytePadding <*BPddg*>	[0..1]	CodeSet		1316

26.1.11.4.3.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 1333

26.1.11.4.3.3 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "KEKIdentifier7" on page 1125 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeyIdentification <*KeyId*>	[1..1]	Text		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.11.4.4 EncryptedContent <NcrptdCntt>

Presence: [0..1]

Definition: Data protection by encryption (digital envelope), with an encryption key.

EncryptedContent <NcrptdCntt> contains the following **EncryptedContent6** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1287
	ContentEncryptionAlgorithm <*CnttNcrptnAlgo*>	[0..1]	±		1287
	EncryptedData <*NcrptdData*>	[1..1]	Binary		1288

26.1.11.4.4.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been encrypted.

Datatype: "ContentType2Code" on page 1354

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).

26.1.11.4.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

Presence: [0..1]

Definition: Algorithm used to encrypt the data.

ContentEncryptionAlgorithm <CnttNcrptnAlgo> contains the following elements (see "AlgorithmIdentification29" on page 1313 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1313
	Parameter <*Param*>	[0..1]			1315
	EncryptionFormat <*NcrptnFrmt*>	[0..1]	CodeSet		1315
	InitialisationVector <*InitlstnVctr*>	[0..1]	Binary		1316
	BytePadding <*BPddg*>	[0..1]	CodeSet		1316

26.1.11.4.4.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data, result of the content encryption.

Datatype: "Max100KBinary" on page 1332

26.1.11.5 ContentInformationType31

Definition: General cryptographic message syntax (CMS) containing authenticated data.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1288
	AuthenticatedData <*AuthntcdData*>	[1..1]	±		1288

26.1.11.5.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1354

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).

26.1.11.5.2 AuthenticatedData <AuthntcdData>

Presence: [1..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData8" on page 1300 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1301
	Recipient <*Rcpt*>	[1..*]			1301
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1302
	Version <*Vrsn*>	[0..1]	Quantity		1303
	RecipientIdentification <*RcptId*>	[1..1]			1303
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1303
	Issuer <*Issr*>	[1..1]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1305
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1305
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1306
Or	KEK <*KEK*>	[1..1]			1306
	Version <*Vrsn*>	[0..1]	Quantity		1306
	KEKIdentification <*KEKId*>	[1..1]	±		1306
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1307
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1307
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1307
	MACAlgorithm <*MACAlgo*>	[1..1]	±		1308
	EncapsulatedContent <*NcpsltdCntt*>	[1..1]	±		1308
	MAC <*MAC*>	[1..1]	Binary		1308

26.1.11.6 CryptographicKey16

Definition: Cryptographic Key.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		1290
	AdditionalIdentification <*AddtlId*>	[0..1]	Binary		1290
	Name <*Nm*>	[0..1]	Text		1290
	SecurityProfile <*SctyPrfl*>	[0..1]	Text		1291
	ItemNumber <*ItmNb*>	[0..1]	Text		1291
	Version <*Vrsn*>	[1..1]	Text		1291
	Type <*Tp*>	[0..1]	CodeSet		1291
	Function <*Fctn*>	[0..*]	CodeSet		1292
	ActivationDate <*ActvtnDt*>	[0..1]	DateTime		1292
	DeactivationDate <*DeactvtnDt*>	[0..1]	DateTime		1292
	KeyValue <*KeyVal*>	[0..1]	±		1293
	KeyCheckValue <*KeyChckVal*>	[0..1]	Binary		1293
	AdditionalManagementInformation <*AddtlMgmtInf*>	[0..*]			1293
	Name <*Nm*>	[1..1]	Text		1293
	Value <*Val*>	[0..1]	Text		1293

26.1.11.6.1 Identification <Id>

Presence: [1..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 1391

26.1.11.6.2 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 1333

26.1.11.6.3 Name <Nm>

Presence: [0..1]

Definition: Name of the Cryptographic Element.

Datatype: "Max256Text" on page 1391

26.1.11.6.4 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to which this element belongs.

Datatype: "Max35Text" on page 1392

26.1.11.6.5 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 1392

26.1.11.6.6 Version <Vrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max256Text" on page 1391

26.1.11.6.7 Type <Tp>

Presence: [0..1]

Definition: Type of algorithm used by the cryptographic key.

Datatype: "CryptographicKeyType3Code" on page 1355

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).

26.1.11.6.8 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 1362

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.

26.1.11.6.9 ActivationDate <ActvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODateTime" on page 1385

26.1.11.6.10 DeactivationDate <DeactvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be deactivated.

Datatype: "ISODateTime" on page 1385

26.1.11.6.11 KeyValue <KeyVal>

Presence: [0..1]

Definition: Encrypted cryptographic key.

KeyValue <KeyVal> contains the following elements (see "ContentInformationType30" on page 1294 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.11.6.12 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "Max35Binary" on page 1333

26.1.11.6.13 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		1293
	Value <*Val*>	[0..1]	Text		1293

26.1.11.6.13.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 1393

26.1.11.6.13.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 1390

26.1.11.7 ContentInformationType30

Definition: General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1294
	EnvelopedData <*EnvlpdData*>	[0..1]	±		1294
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1295
	SignedData <*SgndData*>	[0..1]	±		1296
	DigestedData <*DgstdData*>	[0..1]	±		1297

26.1.11.7.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1354

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).

26.1.11.7.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Data protection by encryption, with a session key.

EnvelopedData <EnvlpdData> contains the following elements (see "EnvelopedData9" on page 1278 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1279
	OriginatorInformation <*OrgtrInf*>	[0..1]			1280
	Certificate <*Cert*>	[0..*]	Binary		1280
	Recipient <*Rcpt*>	[1..*]			1280
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1281
	Version <*Vrsn*>	[0..1]	Quantity		1282
	RecipientIdentification <*RcptId*>	[1..1]			1282
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1282
	Issuer <*Issr*>	[1..1]			1283
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1283
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1283
	AttributeValue <*AttrVal*>	[1..1]	Text		1284
	SerialNumber <*SrlNb*>	[1..1]	Binary		1284
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1284
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1284
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1285
Or	KEK <*KEK*>	[1..1]			1285
	Version <*Vrsn*>	[0..1]	Quantity		1285
	KEKIdentification <*KEKId*>	[1..1]	±		1285
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1286
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1286
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1286
	EncryptedContent <*NcrptdCntt*>	[0..1]			1287
	ContentType <*CnttTp*>	[1..1]	CodeSet		1287
	ContentEncryptionAlgorithm <*CnttNcrptnAlgo*>	[0..1]	±		1287
	EncryptedData <*NcrptdData*>	[1..1]	Binary		1288

26.1.11.7.3 AuthenticatedData <AuthntcdData>

Presence: [0..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData8" on page 1300 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1301
	Recipient <*Rcpt*>	[1..*]			1301
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1302
	Version <*Vrsn*>	[0..1]	Quantity		1303
	RecipientIdentification <*RcptId*>	[1..1]			1303
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1303
	Issuer <*Issr*>	[1..1]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1305
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1305
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1306
Or	KEK <*KEK*>	[1..1]			1306
	Version <*Vrsn*>	[0..1]	Quantity		1306
	KEKIdentification <*KEKId*>	[1..1]	±		1306
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1307
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1307
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1307
	MACAlgorithm <*MACAlgo*>	[1..1]	±		1308
	EncapsulatedContent <*NcpsltdCntt*>	[1..1]	±		1308
	MAC <*MAC*>	[1..1]	Binary		1308

26.1.11.7.4 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData7" on page 1270 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1271
	DigestAlgorithm <*DgstAlgo*>	[0..*]	±		1271
	EncapsulatedContent <*NcpsltdCntt*>	[0..1]	±		1272
	Certificate <*Cert*>	[0..*]	Binary		1272
	Signer <*Sgnr*>	[0..*]			1272
	Version <*Vrsn*>	[0..1]	Quantity		1273
	SignerIdentification <*SgnrId*>	[0..1]			1273
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1273
	Issuer <*Issr*>	[1..1]			1273
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1274
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274
	SerialNumber <*SrlNb*>	[1..1]	Binary		1274
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1275
	DigestAlgorithm <*DgstAlgo*>	[1..1]	±		1275
	SignedAttributes <*SgndAttrbts*>	[0..*]			1275
	Name <*Nm*>	[1..1]	Text		1275
	Value <*Val*>	[0..1]	Text		1275
	SignatureAlgorithm <*SgntrAlgo*>	[1..1]	±		1276
	Signature <*Sgntr*>	[1..1]	Binary		1276

26.1.11.7.5 DigestedData <DgstdData>

Presence: [0..1]

Definition: Data protected by a digest.

DigestedData <DgstdData> contains the following elements (see "DigestedData5" on page 1269 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1270
	DigestAlgorithm <*DgstAlgo*>	[1..1]	±		1270
	EncapsulatedContent <*NcpsltdCntt*>	[1..1]	±		1270
	Digest <*Dgst*>	[1..1]	Binary		1270

26.1.11.8 ContentInformationType29

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		1298
	AuthenticatedData <*AuthntcdData*>	[0..1]	±		1298
	SignedData <*SgndData*>	[0..1]	±		1299

26.1.11.8.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1354

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).

26.1.11.8.2 AuthenticatedData <AuthntcdData>

Presence: [0..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData8" on page 1300 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1301
	Recipient <*Rcpt*>	[1..*]			1301
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1302
	Version <*Vrsn*>	[0..1]	Quantity		1303
	RecipientIdentification <*RcptId*>	[1..1]			1303
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1303
	Issuer <*Issr*>	[1..1]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1305
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1305
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1306
Or	KEK <*KEK*>	[1..1]			1306
	Version <*Vrsn*>	[0..1]	Quantity		1306
	KEKIdentification <*KEKId*>	[1..1]	±		1306
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1307
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1307
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1307
	MACAlgorithm <*MACAlgo*>	[1..1]	±		1308
	EncapsulatedContent <*NcpsltdCntt*>	[1..1]	±		1308
	MAC <*MAC*>	[1..1]	Binary		1308

26.1.11.8.3 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData7" on page 1270 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1271
	DigestAlgorithm <*DgstAlgo*>	[0..*]	±		1271
	EncapsulatedContent <*NcpsltdCntt*>	[0..1]	±		1272
	Certificate <*Cert*>	[0..*]	Binary		1272
	Signer <*Sgnr*>	[0..*]			1272
	Version <*Vrsn*>	[0..1]	Quantity		1273
	SignerIdentification <*SgnrId*>	[0..1]			1273
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1273
	Issuer <*Issr*>	[1..1]			1273
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1274
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1274
	AttributeValue <*AttrVal*>	[1..1]	Text		1274
	SerialNumber <*SrlNb*>	[1..1]	Binary		1274
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1275
	DigestAlgorithm <*DgstAlgo*>	[1..1]	±		1275
	SignedAttributes <*SgndAttrbts*>	[0..*]			1275
	Name <*Nm*>	[1..1]	Text		1275
	Value <*Val*>	[0..1]	Text		1275
	SignatureAlgorithm <*SgntrAlgo*>	[1..1]	±		1276
	Signature <*Sgntr*>	[1..1]	Binary		1276

26.1.11.9 AuthenticatedData8

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		1301
	Recipient <*Rcpt*>	[1..*]			1301
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1302
	Version <*Vrsn*>	[0..1]	Quantity		1303
	RecipientIdentification <*RcptId*>	[1..1]			1303
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1303
	Issuer <*Issr*>	[1..1]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1305
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1305
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1306
Or	KEK <*KEK*>	[1..1]			1306
	Version <*Vrsn*>	[0..1]	Quantity		1306
	KEKIdentification <*KEKId*>	[1..1]	±		1306
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1307
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1307
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1307
	MACAlgorithm <*MACAlgo*>	[1..1]	±		1308
	EncapsulatedContent <*NcpsltdCntt*>	[1..1]	±		1308
	MAC <*MAC*>	[1..1]	Binary		1308

26.1.11.9.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.9.2 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or protection key identification used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient11Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <*KeyTrnsprt*>	[1..1]			1302
	Version <*Vrsn*>	[0..1]	Quantity		1303
	RecipientIdentification <*RcptId*>	[1..1]			1303
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1303
	Issuer <*Issr*>	[1..1]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1305
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1305
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1306
Or	KEK <*KEK*>	[1..1]			1306
	Version <*Vrsn*>	[0..1]	Quantity		1306
	KEKIdentification <*KEKId*>	[1..1]	±		1306
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1307
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1307
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1307

26.1.11.9.2.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport8** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Version <*Vrsn*>	[0..1]	Quantity		1303
	RecipientIdentification <*RcptId*>	[1..1]			1303
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1303
	Issuer <*Issr*>	[1..1]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1305
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1305
	EncryptedKey <*NcrptdKey*>	[1..1]	Binary		1306

26.1.11.9.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.9.2.1.2 RecipientIdentification <RcptId>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <RcptId> contains one of the following **Recipient12Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <*IssrAndSrlNb*>	[1..1]			1303
	Issuer <*Issr*>	[1..1]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305
Or}	KeyIdentifier <*KeyIdr*>	[1..1]	±		1305

26.1.11.9.2.1.2.1 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]			1304
	RelativeDistinguishedName <*RltvDstngshdNm*>	[1..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305
	SerialNumber <*SrlNb*>	[1..1]	Binary		1305

26.1.11.9.2.1.2.1.1 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..*]			1304
	AttributeType <*AttrTp*>	[1..1]	CodeSet		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305

26.1.11.9.2.1.2.1.1.1 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		1304
	AttributeValue <*AttrVal*>	[1..1]	Text		1305

26.1.11.9.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1343

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).

26.1.11.9.2.1.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1390

26.1.11.9.2.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1333

26.1.11.9.2.1.2.2 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "KEKIdentifier7" on page 1125 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeyIdentification <*KeyId*>	[1..1]	Text		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.11.9.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification19" on page 1320 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1321
	Parameter <*Param*>	[0..1]			1321
	EncryptionFormat <*NcrptnFrmt*>	[0..1]	CodeSet		1321
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1322
	MaskGeneratorAlgorithm <*MskGnrtrAlgo*>	[0..1]	±		1322

26.1.11.9.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1333

26.1.11.9.2.2 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		1306
	KEKIdentification <*KEKId*>	[1..1]	±		1306
	KeyEncryptionAlgorithm <*KeyNcrptnAlgo*>	[1..1]	±		1307
	EncryptedKey <*NcrptdKey*>	[0..1]	Binary		1307

26.1.11.9.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1388

26.1.11.9.2.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 1125 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeyIdentification <*KeyId*>	[1..1]	Text		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.11.9.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification29" on page 1313 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1313
	Parameter <*Param*>	[0..1]			1315
	EncryptionFormat <*NcrptnFrmt*>	[0..1]	CodeSet		1315
	InitialisationVector <*InitlstnVctr*>	[0..1]	Binary		1316
	BytePadding <*BPddg*>	[0..1]	CodeSet		1316

26.1.11.9.2.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 1333

26.1.11.9.2.3 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "KEKIdentifier7" on page 1125 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	KeyIdentification <*KeyId*>	[1..1]	Text		1125
	KeyVersion <*KeyVrsn*>	[1..1]	Text		1125
	SequenceNumber <*SeqNb*>	[0..1]	Quantity		1126
	DerivationIdentification <*DerivtnId*>	[0..1]	Binary		1126

26.1.11.9.3 MACAlgorithm <MACAlgo>

Presence: [1..1]

Definition: Algorithm to compute message authentication code (MAC).

MACAlgorithm <MACAlgo> contains the following elements (see "AlgorithmIdentification22" on page 1316 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1316
	Parameter <*Param*>	[0..1]			1319
	InitialisationVector <*InitlstnVctr*>	[0..1]	Binary		1319
	BytePadding <*BPddg*>	[0..1]	CodeSet		1319

26.1.11.9.4 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data to authenticate.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "EncapsulatedContent3" on page 1261 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ContentType <*CnttTp*>	[1..1]	CodeSet		1261
	Content <*Cntt*>	[0..1]	Binary		1261

26.1.11.9.5 MAC <MAC>

Presence: [1..1]

Definition: Message authentication code value.

Datatype: "Max140Binary" on page 1332

26.1.11.10 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		1309
	Parameter <*Param*>	[0..1]			1310
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1311
	MaskGeneratorAlgorithm <*MskGnrtrAlgo*>	[0..1]			1311
	Algorithm <*Algo*>	[1..1]	CodeSet		1312
	Parameter <*Param*>	[0..1]			1312
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1312
	SaltLength <*SaltLngth*>	[0..1]	Quantity		1312
	TrailerField <*TrlrFld*>	[0..1]	Quantity		1312
	OIDCurveName <*OIDCrvNm*>	[0..1]	Text		1313

26.1.11.10.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm25Code" on page 1341

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.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.

CodeName	Name	Definition
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	EcsdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcsdaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcsdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcsdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcsdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcsdsaSha512	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.

26.1.11.10.2 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		1311
	MaskGeneratorAlgorithm <*MskGnrtrAlgo*>	[0..1]			1311
	Algorithm <*Algo*>	[1..1]	CodeSet		1312
	Parameter <*Param*>	[0..1]			1312
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1312
	SaltLength <*SaltLngth*>	[0..1]	Quantity		1312
	TrailerField <*TrlrFld*>	[0..1]	Quantity		1312
	OIDCurveName <*OIDCrvNm*>	[0..1]	Text		1313

26.1.11.10.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1336

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).

26.1.11.10.2.2 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		1312
	Parameter <*Param*>	[0..1]			1312
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1312

26.1.11.10.2.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 1342

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA igital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

26.1.11.10.2.2.2 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		1312

26.1.11.10.2.2.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm11Code" on page 1335

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).

26.1.11.10.2.3 SaltLength <SaltLngth>

Presence: [0..1]

Definition: Length of the salt to include in the signature.

Datatype: "Number" on page 1388

26.1.11.10.2.4 TrailerField <TrlrFld>

Presence: [0..1]

Definition: Trailer field number.

Datatype: "Number" on page 1388

26.1.11.10.2.5 OIDCurveName <OIDCrvNm>

Presence: [0..1]

Definition: Name of the Elliptic Curve according to the OID notation.

Datatype: "Max140Text" on page 1390

26.1.11.11 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		1313
	Parameter <*Param*>	[0..1]			1315
	EncryptionFormat <*NcrptnFrmt*>	[0..1]	CodeSet		1315
	InitialisationVector <*InitlstnVctr*>	[0..1]	Binary		1316
	BytePadding <*BPddg*>	[0..1]	CodeSet		1316

26.1.11.11.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm24Code" on page 1339

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 -

CodeName	Name	Definition
		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 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

CodeName	Name	Definition
		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).

26.1.11.11.2 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		1315
	InitialisationVector <*InitlstnVctr*>	[0..1]	Binary		1316
	BytePadding <*BPddg*>	[0..1]	CodeSet		1316

26.1.11.11.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1357

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.

CodeName	Name	Definition
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

26.1.11.11.2.2 InitialisationVector <InitIstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 1333

26.1.11.11.2.3 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 1347

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.

26.1.11.12 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		1316
	Parameter <*Param*>	[0..1]			1319
	InitialisationVector <*InitIstnVctr*>	[0..1]	Binary		1319
	BytePadding <*BPddg*>	[0..1]	CodeSet		1319

26.1.11.12.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the MAC algorithm.

Datatype: "Algorithm17Code" on page 1337

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure HAsh standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 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.

CodeName	Name	Definition
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHAsh standard) and ISO/ IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits 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).

CodeName	Name	Definition
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).

26.1.11.12.2 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 <*InitlstnVctr*>	[0..1]	Binary		1319
	BytePadding <*BPddg*>	[0..1]	CodeSet		1319

26.1.11.12.2.1 InitialisationVector <InitlstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 1333

26.1.11.12.2.2 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 1347

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.

26.1.11.13 AlgorithmIdentification21

Definition: Cryptographic algorithm and parameters of digests.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1320

26.1.11.13.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1336

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).

26.1.11.14 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		1321
	Parameter <*Param*>	[0..1]			1321
	EncryptionFormat <*NcrptnFrmt*>	[0..1]	CodeSet		1321
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1322
	MaskGeneratorAlgorithm <*MskGnrtrAlgo*>	[0..1]	±		1322

26.1.11.14.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 1342

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).

26.1.11.14.2 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		1321
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1322
	MaskGeneratorAlgorithm <*MskGnrtrAlgo*>	[0..1]	±		1322

26.1.11.14.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 1357

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.

26.1.11.14.2.2 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1336

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).

26.1.11.14.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification18" on page 1323 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1323
	Parameter <*Param*>	[0..1]			1323
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1323

26.1.11.15 AlgorithmIdentification18

Definition: Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Algorithm <*Algo*>	[1..1]	CodeSet		1323
	Parameter <*Param*>	[0..1]			1323
	DigestAlgorithm <*DgstAlgo*>	[0..1]	CodeSet		1323

26.1.11.15.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 1342

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA igital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

26.1.11.15.2 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		1323

26.1.11.15.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm16Code" on page 1336

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS

CodeName	Name	Definition
		180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

26.1.12 Structured Postal Address

26.1.12.1 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		1324
	PostCodeIdentification <*PstCdId*>	[1..1]	Text		1324
	TownName <*TwnNm*>	[1..1]	Text		1325
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		1325
	Country <*Ctry*>	[1..1]	CodeSet	C2	1325

26.1.12.1.1 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1393

26.1.12.1.2 PostCodeIdentification <PstCdId>

Presence: [1..1]

Definition: Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

Datatype: "Max16Text" on page 1390

26.1.12.1.3 TownName <TwnNm>

Presence: [1..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 1392

26.1.12.1.4 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 1392

26.1.12.1.5 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 1355

Constraints

- **Country**

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

26.1.13 Token

26.1.13.1 Token1

Definition: Unencrypted sensitive data of a token.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	PaymentToken <*PmtTkn*>	[0..1]	Text		1325
	TokenExpiryDate <*TknXpryDt*>	[0..1]	Text		1326
	TokenRequestorIdentification <*TknRqstrId*>	[0..1]	Text		1326
	TokenAssuranceData <*TknAssrncData*>	[0..1]	Text		1326
	TokenAssuranceMethod <*TknAssrncMtd*>	[0..1]	Text		1326
	TokenInitiatedIndicator <*TknInittdInd*>	[0..1]	Indicator		1326

26.1.13.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 1390

26.1.13.1.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "Exact4NumericText" on page 1389

26.1.13.1.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 1390

26.1.13.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 1390

26.1.13.1.5 TokenAssuranceMethod <TknAssrncMtd>

Presence: [0..1]

Definition: Value that allows a Token Service Provider to indicate the identification and verification performed representing the binding of the payment token to the underlying PAN and cardholder.

Datatype: "Max2NumericText" on page 1391

26.1.13.1.6 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 1387):

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

26.1.13.2 MerchantToken2

Definition: Merchant token information.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Token <*Tkn*>	[0..1]	Text		1327
	TokenExpiryDate <*TknXpryDt*>	[0..1]	Text		1327
	TokenCharacteristic <*TknChrtc*>	[0..*]	Text		1327
	TokenRequestor <*TknRqstr*>	[0..1]			1327
	ProviderIdentification <*PrvdrId*>	[1..1]	Text		1327
	RequestorIdentification <*RqstrId*>	[1..1]	Text		1328
	TokenAssuranceLevel <*TknAssrncLvl*>	[0..1]	Quantity		1328
	TokenAssuranceData <*TknAssrncData*>	[0..1]	Binary		1328
	TokenAssuranceMethod <*TknAssrncMtd*>	[0..1]	Text		1328
	TokenInitiatedIndicator <*TknInittdInd*>	[0..1]	Indicator		1328

26.1.13.2.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max35Text" on page 1392

26.1.13.2.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiration date of the payment token that is generated by and maintained in the token vault.

Datatype: "Max10Text" on page 1389

26.1.13.2.3 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 1392

26.1.13.2.4 TokenRequestor <TknRqstr>

Presence: [0..1]

Definition: Identifier of a token provider requestor.

TokenRequestor <TknRqstr> contains the following **PaymentTokenIdentifiers1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProviderIdentification <*PrvdrId*>	[1..1]	Text		1327
	RequestorIdentification <*RqstrId*>	[1..1]	Text		1328

26.1.13.2.4.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 1392

26.1.13.2.4.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 1392

26.1.13.2.5 TokenAssuranceLevel <TknAssrncLvl>

Presence: [0..1]

Definition: Level of confidence resulting of the identification and authentication of the cardholder performed and the entity that performed it.

Datatype: "Number" on page 1388

26.1.13.2.6 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 1333

26.1.13.2.7 TokenAssuranceMethod <TknAssrncMtd>

Presence: [0..1]

Definition: Value that allows a Token Service Provider to indicate the identification and verification performed representing the binding of the payment token to the underlying PAN and cardholder.

Datatype: "Max2NumericText" on page 1391

26.1.13.2.8 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 1387):

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

26.1.13.3 CardPaymentToken5

Definition: Payment token information.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Token <*Tkn*>	[0..1]	Text		1329
	CardSequenceNumber <*CardSeqNb*>	[0..1]	Text		1329
	TokenExpiryDate <*TknXpryDt*>	[0..1]	Text		1329
	TokenCharacteristic <*TknChrtc*>	[0..*]	Text		1329
	TokenRequestor <*TknRqstr*>	[0..1]			1329
	ProviderIdentification <*PrvdrId*>	[1..1]	Text		1330
	RequestorIdentification <*RqstrId*>	[1..1]	Text		1330
	TokenAssuranceLevel <*TknAssrncLvl*>	[0..1]	Quantity		1330
	TokenAssuranceData <*TknAssrncData*>	[0..1]	Binary		1330
	TokenAssuranceMethod <*TknAssrncMtd*>	[0..1]	Text		1330
	TokenInitiatedIndicator <*TknInittdInd*>	[0..1]	Indicator		1330

26.1.13.3.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Min8Max28NumericText" on page 1395

26.1.13.3.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a payment token inside a set of cards with the same PAN.

Datatype: "Min2Max3NumericText" on page 1394

26.1.13.3.3 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiration date of the payment token that is generated by and maintained in the token vault.

Datatype: "Max10Text" on page 1389

26.1.13.3.4 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 1392

26.1.13.3.5 TokenRequestor <TknRqstr>

Presence: [0..1]

Definition: Identifier of a token provider requestor.

TokenRequestor <TknRqstr> contains the following **PaymentTokenIdentifiers1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ProviderIdentification <*PrvdrId*>	[1..1]	Text		1330
	RequestorIdentification <*RqstrId*>	[1..1]	Text		1330

26.1.13.3.5.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 1392

26.1.13.3.5.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 1392

26.1.13.3.6 TokenAssuranceLevel <TknAssrncLvl>

Presence: [0..1]

Definition: Level of confidence resulting of the identification and authentication of the cardholder performed and the entity that performed it.

Datatype: "Number" on page 1388

26.1.13.3.7 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 1333

26.1.13.3.8 TokenAssuranceMethod <TknAssrncMtd>

Presence: [0..1]

Definition: Value that allows a Token Service Provider to indicate the identification and verification performed representing the binding of the payment token to the underlying PAN and cardholder.

Datatype: "Max2NumericText" on page 1391

26.1.13.3.9 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 1387):

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

26.2 Message Datatypes

26.2.1 Amount

26.2.1.1 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 1355

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.

26.2.1.2 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

26.2.2 Binary

26.2.2.1 Max10000Binary

Definition: Specifies a binary string with a maximum length of 10000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	10000

26.2.2.2 Max100KBinary

Definition: Binary data of 100K maximum.

Type: Binary

Format

minLength	1
maxLength	102400

26.2.2.3 Max10KBinary

Definition: Binary data of 10K maximum.

Type: Binary

Format

minLength	1
maxLength	10240

26.2.2.4 Max140Binary

Definition: Specifies a binary string with a maximum length of 140 binary bytes.

Type: Binary

Format

minLength	1
maxLength	140

26.2.2.5 Max2KBinary

Definition: Binary data of 2K maximum.

Type: Binary

Format

minLength	1
maxLength	2048

26.2.2.6 Max2MBBinary

Definition: Binary data of 2MB maximum.

Type: Binary

Format

minLength	1
maxLength	2097152

26.2.2.7 Max3000Binary

Definition: Specifies a binary string with a maximum length of 3000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	3000

26.2.2.8 Max35Binary

Definition: Specifies a binary string with a maximum length of 35 binary bytes.

Type: Binary

Format

minLength	1
maxLength	35

26.2.2.9 Max5000Binary

Definition: Specifies a binary string with a maximum length of 5000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	5000

26.2.2.10 Max500Binary

Definition: Specifies a binary string with a maximum length of 500 binary bytes.

Type: Binary

Format

minLength	1
maxLength	500

26.2.3 CodeSet

26.2.3.1 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.

26.2.3.2 ActionType12Code

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.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentification through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentification according to the ConsumerDeviceCardholderVerification Method.

CodeName	Name	Definition
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 revocated this recurring transaction for this merchant.

26.2.3.3 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.

26.2.3.4 AddressType2Code

Definition: Specifies the type of address.

Type: CodeSet

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

26.2.3.5 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).

26.2.3.6 Algorithm16Code

Definition: Identification of a digest algorithm.

Type: CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
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).

26.2.3.7 Algorithm17Code

Definition: Cryptographic algorithms for the MAC (Message Authentication Code).

Type: CodeSet

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure HAsh standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 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

CodeName	Name	Definition
		Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHAsh standard) and ISO/ IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits 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

CodeName	Name	Definition
		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).

26.2.3.8 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.
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

CodeName	Name	Definition
		defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A.With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A.With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).

CodeName	Name	Definition
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).

26.2.3.9 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 #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.

CodeName	Name	Definition
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcsdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcsdaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcsdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcsdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcsdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcsdsaSha512	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.

26.2.3.10 Algorithm7Code

Definition: Asymmetric encryption algorithm of a transport key.

Type: CodeSet

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

26.2.3.11 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 igital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

26.2.3.12 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.

26.2.3.13 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.

26.2.3.14 AttendanceContext2Code

Definition: Identify the method of delivery or distribution.

Type: CodeSet

CodeName	Name	Definition
ATTL	AttendantDelivery	Delivery by an attendant.
CARR	CarrierDelivery	Delivery by a carrier.
CUST	CustomerDelivery	Delivery by the customer.
FULL	FullServe	Full service for fuel distribution.
SELF	SelfServe	Self service for fuel distribution.

26.2.3.15 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).

CodeName	Name	Definition
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).

26.2.3.16 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.

26.2.3.17 AuthenticationMethod6Code

Definition: Methods used to authenticate a person or a card.

Type: CodeSet

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.

CodeName	Name	Definition
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.

26.2.3.18 AuthenticationMethod8Code

Definition: Method to authenticate the customer or its card.

Type: CodeSet

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

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

26.2.3.19 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.

26.2.3.20 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.

26.2.3.21 BusinessArea1Code

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.
OPMT	Openpayment	The card is used in a Transit business case where the fare amount is not known when the transaction is initiated.
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.

26.2.3.22 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.

CodeName	Name	Definition
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.

26.2.3.23 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.
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.

26.2.3.24 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.

26.2.3.25 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.

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.)

26.2.3.26 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.

26.2.3.27 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.

CodeName	Name	Definition
NOVF	NoCapabilities	No cardholder verification capability.
OTHR	Other	Other cardholder verification capabilities.

26.2.3.28 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.

26.2.3.29 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.

CodeName	Name	Definition
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

26.2.3.30 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.
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.

26.2.3.31 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.

CodeName	Name	Definition
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.

26.2.3.32 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).
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.

26.2.3.33 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.

26.2.3.34 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.
PERS	PersonalCheck	The check belongs to an individual.

26.2.3.35 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).

26.2.3.36 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).

26.2.3.37 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).
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).

26.2.3.38 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.

26.2.3.39 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.
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.

26.2.3.40 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).

CodeName	Name	Definition
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.

26.2.3.41 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 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.

26.2.3.42 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.

26.2.3.43 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.
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.

26.2.3.44 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

CodeName	Name	Definition
		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.

26.2.3.45 Frequency3Code

Definition: Specifies the regularity of an event.

Type: CodeSet

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
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.

26.2.3.46 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.

26.2.3.47 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.
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.

26.2.3.48 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

CodeName	Name	Definition
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.

26.2.3.49 InstalmentPeriod1Code

Definition: Instalment period.

Type: CodeSet

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

26.2.3.50 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.

26.2.3.51 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

26.2.3.52 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}

26.2.3.53 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).
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.

26.2.3.54 LanguageCode

Definition: Specifies a language.

Type: CodeSet

Constraints

- **ValidationByTable**

  Must be a valid terrestrial language.

26.2.3.55 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.

26.2.3.56 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.

26.2.3.57 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

CodeName	Name	Definition
		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.

26.2.3.58 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 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.

26.2.3.59 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.

CodeName	Name	Definition
TERA	TeraByte	Tera byte.

26.2.3.60 MessageFunction42Code

Definition: Type of message supporting a service.

Type: CodeSet

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
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.

CodeName	Name	Definition
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.

26.2.3.61 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).

26.2.3.62 NonFinancialRequestType1Code

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.

CodeName	Name	Definition
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.

26.2.3.63 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.

26.2.3.64 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.

26.2.3.65 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.

CodeName	Name	Definition
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 througth PIN insertion

26.2.3.66 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.

26.2.3.67 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.

26.2.3.68 OutputFormat3Code

Definition: Type of output format.

Type: CodeSet

CodeName	Name	Definition
BARC	Barcode	Barcode to output in several possible format.
MENT	MenuEntry	A text to display as a menu before requesting an input.
MREF	MessageReference	Predefined configured messages, identified by a reference.
SREF	ScreenReference	Screen to display identified by a reference.
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

26.2.3.69 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	DelegateIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

26.2.3.70 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.

CodeName	Name	Definition
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	DelegateIssuer	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.

26.2.3.71 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	DelegateIssuer	Party to whom the card issuer delegates to authorise card payment transactions.

26.2.3.72 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.

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

26.2.3.73 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.

26.2.3.74 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.

26.2.3.75 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.

CodeName	Name	Definition
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.

26.2.3.76 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.

26.2.3.77 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.

CodeName	Name	Definition
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.

26.2.3.78 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.

26.2.3.79 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.

26.2.3.80 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.

CodeName	Name	Definition
APPR	ApplicationParameters	Parameters of a payment application running on the point of interaction.
TLPR	TerminalParameters	Manufacturer configuration parameters of the point of interaction.
SCPR	SecurityParameters	Security parameters of the point of interaction.
SERV	Server	Payment server of a point of interaction system.
TERM	Terminal	Payment terminal point of interaction.
DVCE	Device	Device sub-component of a component of the point of interaction.
SECM	SecureModule	Security module.
APLI	PaymentApplication	Payment application software.
EMVK	EMVKernel	EMV application kernel (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
EMVO	EMVLevel1	EMV physical interface (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
MDWR	Middleware	Software module of the point of interaction.
DRVR	Driver	Driver module of the point of interaction.
OPST	OperatingSystem	Software that manages hardware to provide common services to the applications.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
CRTF	CertificateParameters	Certificate provided by a terminal manager.
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
SACP	SaleComponent	Component of the Sale system.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.
LOGF	LogFile	Any repository used for recording log traces.
MDFL	MediaFile	Media file managed by an application of the POI.
SOFT	Soft	Payment or other software application.
CONF	ConfigurationFile	Configuration file relevant for the POI.
RPFL	ReportFile	Report file generated by the POI.

26.2.3.81 QRCodeEncodingMode1Code

Definition: Encoding Mode of Quick Response Code.

Type: CodeSet

CodeName	Name	Definition
ALFA	Alphanumeric	Alphanumeric value provided in Barcode field.
BINA	Binary	Binary value provided in Quick Response Code Binary Value.
KANJ	Kanji	Kanji value provided in Quick Response Code Binary Value.
NUME	Numeric	Numeric value provided in Barcode field.

26.2.3.82 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%

26.2.3.83 Response11Code

Definition: Result of the processing of the message

Type: CodeSet

CodeName	Name	Definition
WARN	Warning	An additional Response Code, mainly a functional one, should be considered to identify the outcome of the request.
FAIL	Failure	Processing of the request fails for various reasons. Some further processing according to the type of requested service, the context of the process, and some additional precision about the failure notified in the ErrorCondition data element.
SUCC	Success	Processing OK. Information related to the result of the processing is contained in other parts of the response message.

26.2.3.84 Response1Code

Definition: Response code of a transaction.

Type: CodeSet

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfuly provided.

CodeName	Name	Definition
PART	PartialApproved	Service has been partialy provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

26.2.3.85 Response9Code

Definition: Result of the performed service.

Type: CodeSet

CodeName	Name	Definition
APPR	Approved	Service has been successfuly 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).

26.2.3.86 RetailerResultDetail1Code

Definition: Result of the processing of the message

Type: CodeSet

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).

CodeName	Name	Definition
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.

26.2.3.87 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.

26.2.3.88 RetailerService7Code

Definition: List of specific services for ReportResponse.

Type: CodeSet

CodeName	Name	Definition
RPTP	AdministrativeReportTransactionResponse	The POI System responds to a transaction report request.

CodeName	Name	Definition
RPAP	AdministrativeReportGetTotalsResponse	The POI System responds to a totals figures request.

26.2.3.89 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.

26.2.3.90 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.

26.2.3.91 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.

26.2.3.92 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.

26.2.3.93 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.

26.2.3.94 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.

26.2.3.95 TrackFormat1Code

Definition: Use to identify format of a track on a card or other documents like checks.

Type: CodeSet

CodeName	Name	Definition
AAMV	AAMVAFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.
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.

26.2.3.96 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.

26.2.3.97 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.

26.2.3.98 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.
RESD	Reserved	Reserved or updated reserved amount for reservation.

26.2.3.99 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.

26.2.3.100 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.

CodeName	Name	Definition
FAIL	Failed	Failed transactions.
RESV	Reservation	Outstanding Reservation transactions.

26.2.3.101 UnitOfMeasure6Code

Definition: Unit of measure of the item purchased.

Type: CodeSet

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.

CodeName	Name	Definition
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.

26.2.3.102 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.

CodeName	Name	Definition
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

26.2.3.103 Verification1Code

Definition: Result of the verification.

Type: CodeSet

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

26.2.4 Date

26.2.4.1 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

26.2.5 DateTime

26.2.5.1 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

26.2.6 IdentifierSet

26.2.6.1 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.

26.2.6.2 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}

26.2.6.3 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.

26.2.6.4 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}

26.2.7 Indicator

26.2.7.1 PlusOrMinusIndicator

Definition: Indicates a positive or negative value.

Type: Indicator

Meaning When True: Plus

Meaning When False: Minus

26.2.7.2 TrueFalseIndicator

Definition: A flag indicating a True or False value.

Type: Indicator

Meaning When True: True

Meaning When False: False

26.2.8 Quantity

26.2.8.1 DecimalNumber

Definition: Number of objects represented as a decimal number, for example 0.75 or 45.6.

Type: Quantity

Format

totalDigits	18
fractionDigits	17

26.2.8.2 Number

Definition: Number of objects represented as an integer.

Type: Quantity

Format

totalDigits	18
fractionDigits	0

26.2.8.3 PositiveNumber

Definition: Number of objects represented as a positive integer.

Type: Quantity

Format

minInclusive	1
totalDigits	18
fractionDigits	0

26.2.9 Rate

26.2.9.1 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

26.2.9.2 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

26.2.10 Text

26.2.10.1 Exact3AlphaNumericText

Definition: Specifies an alphanumeric string with a length of exact 3 characters.

Type: Text

Format

pattern	[a-zA-Z0-9]{3}

26.2.10.2 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.

Type: Text

Format

pattern	[0-9]{3}

26.2.10.3 Exact4NumericText

Definition: Specifies a numeric string with an exact length of 4 digits.

Type: Text

Format

pattern	[0-9]{4}

26.2.10.4 Max1025Text

Definition: Specifies a character string with a maximum length of 1025 characters.

Type: Text

Format

minLength	1
maxLength	1025

26.2.10.5 Max104Text

Definition: Specifies a character string with a maximum length of 104 characters.

Type: Text

Format

minLength	1
maxLength	104

26.2.10.6 Max10Text

Definition: Specifies a character string with a maximum length of 10 characters.

Type: Text

Format

minLength	1
maxLength	10

26.2.10.7 Max11NumericText

Definition: Specifies a numeric string with a maximum length of 11 digits.

Type: Text

Format

pattern	[0-9]{1,11}

26.2.10.8 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

26.2.10.9 Max15NumericText

Definition: Specifies a numeric string with a maximum length of 15 digits.

Type: Text

Format

pattern	[0-9]{1,15}

26.2.10.10 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

26.2.10.11 Max19NumericText

Definition: Specifies a numeric string with a maximum length of 19 digits.

Type: Text

Format

pattern	[0-9]{1,19}

26.2.10.12 Max20000Text

Definition: Specifies a character string with a maximum length of 20, 000 characters.

Type: Text

Format

minLength	1
maxLength	20000

26.2.10.13 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

26.2.10.14 Max2NumericText

Definition: Specifies a numeric string with a maximum length of 2 digits.

Type: Text

Format

pattern	[0-9]{1,2}

26.2.10.15 Max30Text

Definition: Specifies a character string with a maximum length of 30 characters.

Type: Text

Format

maxLength	30

26.2.10.16 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format

minLength	1
maxLength	350

26.2.10.17 Max35NumericText

Definition: Specifies a numeric string with a maximum length of 35 digits.

Type: Text

Format

pattern	[0-9]{1,35}

26.2.10.18 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

Type: Text

Format

minLength	1
maxLength	35

26.2.10.19 Max37Text

Definition: Specifies a character string with a maximum length of 37 characters.

Type: Text

Format

minLength	1
maxLength	37

26.2.10.20 Max3NumericText

Definition: Specifies a numeric string with a maximum length of 3 digits.

Type: Text

Format

pattern	[0-9]{1,3}

26.2.10.21 Max3Text

Definition: Specifies a character string with a maximum length of 3 characters.

Type: Text

Format

minLength	1
maxLength	3

26.2.10.22 Max45Text

Definition: Specifies a character string with a maximum length of 45 characters.

Type: Text

Format

minLength	1
maxLength	45

26.2.10.23 Max500Text

Definition: Specifies a character string with a maximum length of 500 characters.

Type: Text

Format

minLength	1
maxLength	500

26.2.10.24 Max5NumericText

Definition: Specifies a numeric string with a maximum length of 5 digits.

Type: Text

Format

pattern	[0-9]{1,5}

26.2.10.25 Max6Text

Definition: Specifies a character string with a maximum length of 6 characters.

Type: Text

Format

minLength	1
maxLength	6

26.2.10.26 Max70Text

Definition: Specifies a character string with a maximum length of 70characters.

Type: Text

Format

minLength	1
maxLength	70

26.2.10.27 Max76Text

Definition: Specifies a character string with a maximum length of 76 characters.

Type: Text

Format

minLength	1
maxLength	76

26.2.10.28 Max8000Text

Definition: Specifies a character string with a maximum length of 8000 characters.

Type: Text

Format

minLength	1
maxLength	8000

26.2.10.29 Max8Text

Definition: Specifies a character string with a maximum length of 8 characters.

Type: Text

Format

minLength	1
maxLength	8

26.2.10.30 Max9NumericText

Definition: Specifies a numeric string with a maximum length of 9 digits.

Type: Text

Format

pattern	[0-9]{1,9}

26.2.10.31 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}

26.2.10.32 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}

26.2.10.33 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

26.2.10.34 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

26.2.10.35 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}

26.2.10.36 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}