

ISO 20022

Card Payments Exchanges - Acceptor to Acquirer - Maintenance 2021/2022

Message Definition Report - Part 2

Approved by the Cards and Related Retail Financial Services SEG
on 1 February 2022

This document provides details of the Message Definitions for Card Payments Exchanges - Acceptor to Acquirer -
Maintenance 2021 - 2022.

May 2022

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1 Message Set Overview

Introduction

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

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caaa.001.001.11 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.
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.009.001.10 AcceptorReconciliationRequestV10	<p>The AcceptorReconciliationRequest message is sent by an acceptor (or its agent) to the acquirer (or its agent), to ensure that the debits and credits performed by the acceptor matches the computed balances of the acquirer for the debits and credits performed during the same reconciliation period.</p> <p>If the acceptor or the acquirer notices a difference in totals, the discrepancy will be resolved by other means, outside the scope of the protocol.</p>
caaa.010.001.09 AcceptorReconciliationResponseV09	<p>The AcceptorReconciliationResponse message is sent by the acquirer (or its agent) to an acceptor (or its agent), to ensure that the debits and credits performed by the acceptor matches the computed balances of the acquirer for the debits and credits performed during the same reconciliation period.</p> <p>If the acceptor or the acquirer notices a difference in totals, the discrepancy will be resolved by other means, outside the scope of the protocol.</p>
caaa.011.001.11 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).
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.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.
caaa.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
caaa.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.
caaa.022.001.02 AcceptorNonFinancialRequestV02	The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).
caaa.023.001.02 AcceptorNonFinancialResponseV02	The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.
caaa.024.001.02 AcceptorTransactionLogReportRequestV02	The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.
caaa.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 caaa.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 <TxDtIs>	[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 <RsltAmt>	[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 <DclrtDtls>	[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 <ReSubmissnCnt>	[0..1]	Quantity		57
	AdditionalInformation <AddtlInf>	[0..*]			57
	Identification <Id>	[1..1]	Text		58
	Value <Val>	[0..1]	Binary		58
	ProtectedValue <PrctdVal>	[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 1366

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 1394

2.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

2.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

2.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <InvAmt>	[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 <UatnddLvCtgy>	[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 <RsltAmt>	[1..1]	Amount		50
	ExchangeRate <XchgRate>	[1..1]	Rate		51
	InvertedExchangeRate <NvrtXchgRate>	[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 <ReSubmissnCnt>	[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 <Acctldr>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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 <DtlAmt>	[0..1]	±		43
	RequestedAmount <ReqdAmt>	[0..1]	Amount		44
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		44
	InvoiceAmount <InvAmt>	[0..1]	Amount		44
	ValidityDate <VldtyDt>	[0..1]	Date		44
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		44
	UnattendedLevelCategory <UatnddLvCtgy>	[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 <Conv>	[0..1]			48
	CurrencyConversionIdentification <CcyConvsl>	[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 <RsltAmt>	[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 <DclrtDtls>	[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 <ReSubmissnCnt>	[0..1]	Quantity		57
	AdditionalInformation <AddtlInf>	[0..*]			57
	Identification <Id>	[1..1]	Text		58
	Value <Val>	[0..1]	Binary		58
	ProtectedValue <PrctcdVal>	[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 1388):

- *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 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.
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 1354

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 1353

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 1388):

- *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 1396

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 1388):

- *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 1393

2.4.2.3.9 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 1393

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 1393

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 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

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 1393

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 1393

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 1391

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 1391

2.4.2.3.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> 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 <UattnddLvltCtgy>	[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 <RsltgtAmt>	[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 <DivryLctn>	[0..1]	Text		57
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		57
	AdditionalInformation <AddtlInf>	[0..*]			57
	Identification <Id>	[1..1]	Text		58
	Value <Val>	[0..1]	Binary		58
	ProtectedValue <PrctcdVal>	[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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

2.4.2.3.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

2.4.2.3.17.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

2.4.2.3.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

2.4.2.3.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1332

2.4.2.3.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

2.4.2.3.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

2.4.2.3.17.11 UnattendedLevelCategory <UattnddLvIctgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

2.4.2.3.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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

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

2.4.2.3.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		48
	Conversion <Convs>	[0..1]			48
	CurrencyConversionIdentification <CcyConvslId>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[0..*]	±		54

2.4.2.3.17.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		50
	ExchangeRate <XchgRate>	[1..1]	Rate		51
	InvertedExchangeRate <NvrtXchgRate>	[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 <DclrnDtls>	[0..*]	±		54

2.4.2.3.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

2.4.2.3.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

2.4.2.3.17.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

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 1389

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 1386

2.4.2.3.17.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

2.4.2.3.17.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

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 1392

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

2.4.2.3.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

2.4.2.3.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1390

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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

2.4.2.3.17.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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 <PrctcdVal>	[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 1390

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 1333

2.4.2.3.17.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

2.4.2.3.17.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

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 1394

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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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	EEmail <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 1396

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 1391

2.4.2.3.19.6.3 EEmail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

2.4.2.3.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1396

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 1391

2.4.2.3.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

2.4.2.3.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

2.4.2.3.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

3 caaa.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 <IntrchgData>	[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 <UatnnddLvlCtgy>	[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 <RsltAmt>	[1..1]	Amount		106
	ExchangeRate <XchgRate>	[1..1]	Rate		107
	InvertedExchangeRate <NvrtXchgRate>	[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 <ReSubmissnCnt>	[0..1]	Quantity		113
	AdditionalInformation <AddtlInf>	[0..*]			113
	Identification <Id>	[1..1]	Text		114
	Value <Val>	[0..1]	Binary		114
	ProtectedValue <PrctcdVal>	[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 <PrctdBal>	[0..1]	±		126
	Action <Actn>	[0..*]			127
	ActionType <ActnTp>	[1..1]	CodeSet		127
	MessageToPresent <MsgToPres>	[0..1]	±		128
	CurrencyConversionEligibility <CcyConvslgblty>	[0..1]			128
	CurrencyConversionIdentification <CcyConvslld>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[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 <ReTrnsmssnCntnr>	[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 1366

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 1394

3.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

3.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

3.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <IntrchnngData>	[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 <UattnddLvCtgy>	[0..1]	Text		101
	AccountType <AcctTp>	[0..1]	CodeSet		101
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			102
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		104
	Conversion <Convrs>	[0..1]			104
	CurrencyConversionIdentification <CcyConvrsId>	[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 <RsltAmt>	[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 <ReSubmissnCnt>	[0..1]	Quantity		113
	AdditionalInformation <AddtlInf>	[0..*]			113
	Identification <Id>	[1..1]	Text		114
	Value <Val>	[0..1]	Binary		114
	ProtectedValue <PrctcdVal>	[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 <PrctcdBal>	[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 <RsltAmt>	[1..1]	Amount		131
	ExchangeRate <XchgRate>	[1..1]	Rate		131
	InvertedExchangeRate <NvrtXchgRate>	[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 <Envvt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LltyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 <IntrchgData>	[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 <DtlAmt>	[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 <UatnddLvlCtgy>	[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 <PrctcdVal>	[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 1393

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 1393

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 1391

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 1393

3.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

3.4.2.2.7 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> 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 <UattnddLvltCtgy>	[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 <RsltgtAmt>	[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 <DivryLctn>	[0..1]	Text		113
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		113
	AdditionalInformation <AddtlInf>	[0..*]			113
	Identification <Id>	[1..1]	Text		114
	Value <Val>	[0..1]	Binary		114
	ProtectedValue <PrctcdVal>	[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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

3.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

3.4.2.2.7.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

3.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

3.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1332

3.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

3.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

3.4.2.2.7.11 UnattendedLevelCategory <UatndddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

3.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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

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

3.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		104
	Conversion <Convs>	[0..1]			104
	CurrencyConversionIdentification <CcyConvslId>	[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 <DclrtDtls>	[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 1388):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		106
	ExchangeRate <XchgRate>	[1..1]	Rate		107
	InvertedExchangeRate <NvtrdXchgRate>	[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 <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

3.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

3.4.2.2.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

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 1389

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 1386

3.4.2.2.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

3.4.2.2.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

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 1392

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

3.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

3.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

3.4.2.2.7.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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 <PrctcdVal>	[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 1390

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 1333

3.4.2.2.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

3.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

3.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1394

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 <PrctcdBal>	[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 <CcyConvsElgbty>	[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 <DclrtDtls>	[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 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

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 1377

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

3.4.2.3.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

3.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

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 1388):

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

3.4.2.3.1.5 TMSTrigger <TMSTrgr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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 1381

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 1393

3.4.2.3.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

3.4.2.3.2 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

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

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		121
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		122
	Result <RsIt>	[0..1]	CodeSet		122
	AdditionalResult <AddtlRsIt>	[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 1345

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 1345

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 1386

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 1394

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 1394

3.4.2.3.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

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 1394

3.4.2.3.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

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 1394

3.4.2.3.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

3.4.2.3.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

3.4.2.3.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1388

3.4.2.3.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1384

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 852 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		852
	Currency <Ccy>	[1..1]	CodeSet	C1	852
	Sign <Sgn>	[0..1]	Indicator		853

3.4.2.3.7 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType32](#)" on page 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

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 1335

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

CodeName	Name	Definition
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrCdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

3.4.2.3.9 CurrencyConversionEligibility <CcyConvslgblty>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		131
	ExchangeRate <XchgRate>	[1..1]	Rate		131
	InvertedExchangeRate <NvrtXchgRate>	[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 <DclrnDtls>	[0..*]	±		134

3.4.2.3.9.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

3.4.2.3.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

3.4.2.3.9.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

3.4.2.3.9.5 InvertedExchangeRate <NvrtXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

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 1386

3.4.2.3.9.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

3.4.2.3.9.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

3.4.2.3.9.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

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 1389

3.4.2.3.9.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstr>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRcdNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

4 caaa.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> <AccptrCmpltnAdv>	[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 <CmpltnAdv>	[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 <IntrTxId>	[0..1]	Text		170
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		171
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		171
	InterchangeData <IntrchgData>	[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 <DtlAmt>	[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 <UattnddLvCtgy>	[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 <RsltgtAmt>	[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 <ReSubmissnCnt>	[0..1]	Quantity		188
	AdditionalInformation <AddtlInf>	[0..*]			188
	Identification <Id>	[1..1]	Text		189
	Value <Val>	[0..1]	Binary		189
	ProtectedValue <PrctcdVal>	[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 <Acctldr>	[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 1366

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 1394

4.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

4.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

4.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <CmpltnAdv>

Presence: [1..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdv> 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 <IntrchnngData>	[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 <UattnddLvCtgy>	[0..1]	Text		176
	AccountType <AcctTp>	[0..1]	CodeSet		176
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			177
	AcceptedByCardholder <AcptdByCrdhldr>	[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 <RsltAmt>	[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 <DclrtDtls>	[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 <ReSubmissnCnt>	[0..1]	Quantity		188
	AdditionalInformation <AddtlInf>	[0..*]			188
	Identification <Id>	[1..1]	Text		189
	Value <Val>	[0..1]	Binary		189
	ProtectedValue <PrctcdVal>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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 <MrchntOvrdd>	[0..1]	Indicator		170
	FailureReason <FailRsn>	[0..*]	CodeSet		170
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		170
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		171
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		171
	InterchangeData <IntrchnngData>	[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 <DtlAmt>	[0..1]	±		174
	RequestedAmount <ReqdAmt>	[0..1]	Amount		175
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		175
	InvoiceAmount <InvAmt>	[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 <UatnddLvCtgy>	[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 <RsltAmt>	[1..1]	Amount		181
	ExchangeRate <XchgRate>	[1..1]	Rate		182
	InvertedExchangeRate <NvrtXchgRate>	[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 <ReSubmissnCnt>	[0..1]	Quantity		188
	AdditionalInformation <AddtlInf>	[0..*]			188
	Identification <Id>	[1..1]	Text		189
	Value <Val>	[0..1]	Binary		189
	ProtectedValue <PrctcdVal>	[0..1]	±		189
	Type <Tp>	[0..1]	Text		189
	ICCRRelatedData <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 1388):

- *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 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.

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 1354

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 1353

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 1388):

- *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 1396

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 1388):

- *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 1393

4.4.2.3.9 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 1393

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 1393

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 <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIDentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

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 1388):

- *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 1388):

- *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 1388):

- *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 1359

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 1393

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 1391

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 1393

4.4.2.3.20 InterchangeData <IntrchnData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

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 1391

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 1391

4.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> 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 <UattnddLvICtgy>	[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 <DivryLctn>	[0..1]	Text		188
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		188
	AdditionalInformation <AddtlInf>	[0..*]			188
	Identification <Id>	[1..1]	Text		189
	Value <Val>	[0..1]	Binary		189
	ProtectedValue <PrctcdVal>	[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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

4.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

4.4.2.3.23.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

4.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

4.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1332

4.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

4.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

4.4.2.3.23.11 UnattendedLevelCategory <UattnddLvIctgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

4.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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

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

4.4.2.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		179
	Conversion <Convs>	[0..1]			179
	CurrencyConversionIdentification <CcyConvslId>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[0..*]	±		185

4.4.2.3.23.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		181
	ExchangeRate <XchgRate>	[1..1]	Rate		182
	InvertedExchangeRate <NvrtXchgRate>	[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 <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

4.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1389

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 1389

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 1386

4.4.2.3.23.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

4.4.2.3.23.13.2.8.4 **Name <Nm>**

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

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 1392

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

4.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

4.4.2.3.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

4.4.2.3.23.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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 <PrctcdVal>	[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 1390

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 1333

4.4.2.3.23.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

4.4.2.3.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

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 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

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 1377

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

4.4.2.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

4.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

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 1345

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 1345

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 1386

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 1394

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 1394

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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1396

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 1391

4.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

4.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1396

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 1391

4.4.2.3.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

4.4.2.3.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

4.4.2.3.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

5 caaa.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> <AccptrCmpltnAdvRspn>	[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 <CmpltnAdvRspn>	[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 <ReTrnsmssnCnt>	[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 1366

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 1394

5.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

5.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

5.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

5.4.1.8 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 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
	TraceDateTimeln <TracDtTmln>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1393

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 1391

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 1393

5.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1377

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

5.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		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 1381

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 1393

5.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

6 caaa.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
	ICCRRelatedData <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 1366

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 1394

6.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

6.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

6.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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 1388):

- *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 1396

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 1388):

- *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 1393

6.4.2.3.5 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1393

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 <OrgnITx>

Presence: [1..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

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 1393

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 1391

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 1393

6.4.2.3.12 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	242
	TotalAmount <TtlAmt>	[1..1]	Amount		242
	ValidityDate <VldtyDt>	[0..1]	Date		242
	ICCRRelatedData <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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

6.4.2.3.12.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

6.4.2.3.12.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

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 1388):

- *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 1394

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

7 caaa.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 <IntrchgData>	[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 1366

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 1394

7.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

7.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

7.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <CxIRspn>

Presence: [1..1]

Definition: Information related to the cancellation response.

CancellationResponse <CxIRspn> 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 <IntrchnngData>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 <IntrchgData>	[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
	ICCRRelatedData <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 1393

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 1393

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 1391

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 1393

7.4.2.2.6 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "[Max140Text](#)" on page 1391

7.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

7.4.2.2.7.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

7.4.2.2.7.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

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 1388):

- *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 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

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 1377

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

7.4.2.3.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

7.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

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 1381

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 1393

7.4.2.3.1.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

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 1335

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 Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

8 caaa.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> <AccptrCxlAdv>	[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 <CxlAdv>	[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 <IntrchnngData>	[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
	ICCRRelatedData <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 <ReTrnsmssnCntnr>	[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 1366

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 1394

8.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

8.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

8.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <CxlAdv>

Presence: [1..1]

Definition: Information related to the cancellation advice.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env>	[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 <FailRsn>	[0..*]	CodeSet		288
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		288
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		289
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		289
	InterchangeData <IntrchnngData>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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 <Rvs/ >	[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 <IntrchnngData>	[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 1396

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 1388):

- *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 1393

8.4.2.3.4 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

8.4.2.3.5 SaleReferenceIdentification <SaleRefld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

8.4.2.3.6 TransactionIdentification <Txld>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 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 <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

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 1388):

- *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 1388):

- *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 1359

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 1393

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 1391

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 1393

8.4.2.3.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

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
	ICCRRelatedData <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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

8.4.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

8.4.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

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 1388):

- *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 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

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 1377

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

8.4.2.3.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

8.4.2.3.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

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 1381

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 1393

8.4.2.3.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

8.4.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

9 caaa.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 <ReTrnsmssnCntnr>	[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 1366

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 1394

9.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

9.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

9.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnvt>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1393

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 1391

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 1393

9.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 1377

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

9.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		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 1381

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 1393

9.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

10 caaa.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 1366

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 1394

10.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

10.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

10.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

10.4.1.8 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 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
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		1263
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1263

10.4.2 ReconciliationRequest <RcncltnReq>

Presence: [1..1]

Definition: Information related to the reconciliation request.

ReconciliationRequest <RcncltnReq> 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 <RcncltnTxId>	[1..1]	±		322
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		322
	TransactionTotals <TxTtls>	[0..*]			322
	POIGroupIdentification <POIGrpld>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1388):

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

10.4.2.2.2 ReconciliationTransactionIdentification <RcncltnTxId>

Presence: [1..1]

Definition: Unique identification of a reconciliation transaction.

ReconciliationTransactionIdentification <RcncltnTxId> contains the following elements (see "TransactionIdentifier1" on page 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 <RcncltnId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

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 1393

10.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1393

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1383

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 1389

10.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

10.4.2.2.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 1394

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

11 caaa.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 <POIGrpld>	[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 1366

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 1394

11.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

11.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

11.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

11.4.1.8 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 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
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		1263
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		1263

11.4.2 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Information related to the reconciliation response.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envnt>	[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 <POIGrpld>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LltyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxldNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1377

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

11.4.2.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

11.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

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 <POIGrpld>	[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 1388):

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

11.4.2.3.2 ReconciliationTransactionIdentification <RcncltnTxId>

Presence: [1..1]

Definition: Unique identification of a reconciliation transaction.

ReconciliationTransactionIdentification <RcncltnTxId> contains the following elements (see "TransactionIdentifier1" on page 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 <RcncltnId>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

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 1393

11.4.2.3.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1393

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1383

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 1389

11.4.2.3.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

11.4.2.3.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 1394

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

12 caaa.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 1388):

- *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 1394

12.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

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 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 1393

12.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1393

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1383

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 1389

12.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 <POIGrpld>	[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 <Envnt>	[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 1392

12.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1358

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 1392

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 1386

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 <DataSetIntr> contains the following elements (see "[GenericIdentification176](#)" on page 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1393

12.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "[Max35Text](#)" on page 1393

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1383

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 1389

12.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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 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.
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 1354

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 1353

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 1396

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 985 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		990
	Traceability <Tracblt>	[0..*]	±		990
	Environment <Envt>	[1..1]	±		990
	Context <Cntxt>	[0..1]	±		996
	Transaction <Tx>	[1..1]			999
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1004
	TransactionType <TxTp>	[0..1]	CodeSet		1004
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1005
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1005
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1006
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1006
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1006
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1006
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1006
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1007
	TransactionIdentification <TxId>	[1..1]	±		1007
	OriginalTransaction <OrgnlTx>	[0..1]	±		1007
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1008
	Reversal <Rvsl>	[0..1]	Indicator		1008
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1009
	FailureReason <FailRsn>	[0..*]	CodeSet		1009
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1009
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1010
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1010
	InterchangeData <IntrchgData>	[0..1]	Text		1010
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1010
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1010
	TransactionDetails <TxDtls>	[1..1]			1010
	Currency <Ccy>	[0..1]	CodeSet	C1	1012
	TotalAmount <TtlAmt>	[1..1]	Amount		1013

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1013
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1013
	DetailedAmount <DtlAmt>	[0..1]	±		1013
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1014
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1014
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1014
	ValidityDate <VldtyDt>	[0..1]	Date		1014
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1014
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1015
	AccountType <AcctTp>	[0..1]	CodeSet		1015
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1016
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1018
	Conversion <Convs>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1019
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1020
	ResultingAmount <RsltAmt>	[1..1]	Amount		1020
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1021
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	OriginalAmount <OrgnlAmt>	[1..1]			1022
	ActualAmount <ActlAmt>	[0..1]	Amount		1022

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1022
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1023
	Amount <Amt>	[1..1]	Amount		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	MarkUpDetails <MrkUpDtls>	[0..*]			1023
	Rate <Rate>	[1..1]	Rate		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1024
	Instalment <Instlmt>	[0..*]	±		1024
	AggregationTransaction <AggtnTx>	[0..1]	±		1025
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1026
	SaleItem <Saleitm>	[0..*]	±		1026
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1027
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1027
	AdditionalInformation <AddtlInf>	[0..*]			1027
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrctcdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1028
	AuthorisationResult <AuthstnRslt>	[0..1]			1029
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1029
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1029
	Response <Rspn>	[1..1]	CodeSet		1030
	ResponseReason <RspnRsn>	[0..1]	Text		1030
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1030
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1030
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1030
	Method <Mtd>	[1..1]	CodeSet		1031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1031

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		1032
	AdditionalResult <AddtlRslt>	[0..1]	Text		1032
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1032
	AccountFrom <AcctFr>	[0..1]			1032
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1033
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1034
	AccountName <AcctNm>	[0..1]	Text		1034
	AccountOwner <AcctOwnr>	[0..1]			1035
	Name <Nm>	[1..1]	Text		1035
	Address <Adr>	[1..1]	±		1035
	Currency <Ccy>	[0..1]	CodeSet	C1	1035
	AccountIdentifier <AcctIdr>	[0..1]			1036
{Or	Card <Card>	[1..1]	Text		1036
Or	MSISDN <MSISDN>	[1..1]	Text		1036
Or	EMail <EMail>	[1..1]	Text		1036
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1036
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1037
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1037
Or	Domestic <Dmst>	[1..1]	Text		1037
Or}	Other <Othr>	[1..1]	Text		1037
	Servicer <Svcr>	[0..1]			1037
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1038
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1038
	AccountTo <AcctTo>	[0..1]			1038
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1039
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1040
	AccountName <AcctNm>	[0..1]	Text		1040
	AccountOwner <AcctOwnr>	[0..1]			1041
	Name <Nm>	[1..1]	Text		1041
	Address <Adr>	[1..1]	±		1041
	Currency <Ccy>	[0..1]	CodeSet	C1	1041

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			1042
{Or	Card <Card>	[1..1]	Text		1042
Or	MSISDN <MSISDN>	[1..1]	Text		1042
Or	EMail <EMail>	[1..1]	Text		1042
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1042
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1043
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1043
Or	Domestic <Dmst>	[1..1]	Text		1043
Or}	Other <Othr>	[1..1]	Text		1043
	Servicer <Svcr>	[0..1]			1043
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1044
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1044
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1044

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 859 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		861
	Traceability <Tracblt>	[0..*]	±		861
	Environment <Envt>	[1..1]	±		861
	Context <Cntxt>	[0..1]	±		867
	Transaction <Tx>	[1..1]			870
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		872
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		872
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		872
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		872
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		872
	TransactionIdentification <TxId>	[1..1]	±		872
	OriginalTransaction <OrgnlTx>	[0..1]	±		873
	TransactionSuccess <TxSucss>	[1..1]	Indicator		873
	Reversal <Rvsl>	[0..1]	Indicator		874
	FailureReason <FailRsn>	[0..*]	CodeSet		874
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		874
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		875
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		875
	InterchangeData <IntrchnngData>	[0..1]	Text		875
	TransactionDetails <TxDtls>	[1..1]			875
	Currency <Ccy>	[0..1]	CodeSet	C1	875
	TotalAmount <TtlAmt>	[1..1]	Amount		876
	ValidityDate <VldtyDt>	[0..1]	Date		876
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		876
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		876
	AuthorisationResult <AuthstnRslt>	[0..1]			876
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		877
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			877
	Response <Rspn>	[1..1]	CodeSet		878
	ResponseReason <RspnRsn>	[0..1]	Text		878

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		878
	AuthorisationCode <AuthstnCd>	[0..1]	Text		878
	TMSTrigger <TMSTrggr>	[0..1]			878
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		878
	TMSIdentification <TMSId>	[0..1]	Text		879
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		879
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		879

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 931 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		935
	Traceability <Tracblt>	[0..*]	±		935
	Environment <Envt>	[1..1]	±		936
	Context <Cntxt>	[0..1]	±		942
	Transaction <Tx>	[1..1]			945
	TransactionCapture <TxCaptr>	[1..1]	Indicator		949
	TransactionType <TxTp>	[0..1]	CodeSet		949
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		950
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		951
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		951
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		951
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		952
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		952
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		952
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		952
	TransactionIdentification <TxId>	[1..1]	±		952
	OriginalTransaction <OrgnlTx>	[0..1]	±		952
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		953
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		953
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		953
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		954
	TransactionDetails <TxDtls>	[1..1]			954
	Currency <Ccy>	[0..1]	CodeSet	C1	956
	TotalAmount <TtlAmt>	[1..1]	Amount		957
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		957
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		957
	DetailedAmount <DtldAmt>	[0..1]	±		957
	RequestedAmount <ReqdAmt>	[0..1]	Amount		958
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		958
	InvoiceAmount <InvcAmt>	[0..1]	Amount		958

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		958
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		958
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		959
	AccountType <AcctTp>	[0..1]	CodeSet		959
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			960
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		962
	Conversion <Convs>	[0..1]			962
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		963
	TargetCurrency <TrgtCcy>	[1..1]			964
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	964
	NumericCode <NmrcCd>	[1..1]	Text		964
	Decimal <Dcml>	[1..1]	Quantity		964
	Name <Nm>	[0..1]	Text		964
	ResultingAmount <RsltAmt>	[1..1]	Amount		964
	ExchangeRate <XchgRate>	[1..1]	Rate		965
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		965
	QuotationDate <QtnDt>	[0..1]	DateTime		965
	ValidUntil <VldUntil>	[0..1]	DateTime		965
	SourceCurrency <SrcCcy>	[1..1]			965
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	965
	NumericCode <NmrcCd>	[0..1]	Text		966
	Decimal <Dcml>	[0..1]	Quantity		966
	Name <Nm>	[0..1]	Text		966
	OriginalAmount <OrgnlAmt>	[1..1]			966
	ActualAmount <ActlAmt>	[0..1]	Amount		966
	MinimumAmount <MinAmt>	[0..1]	Amount		966
	MaximumAmount <MaxAmt>	[0..1]	Amount		967
	CommissionDetails <ComssnDtls>	[0..*]			967
	Amount <Amt>	[1..1]	Amount		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	MarkUpDetails <MrkUpDtls>	[0..*]			967

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	DeclarationDetails <DclrtnDtls>	[0..*]	±		968
	Instalment <Instlmt>	[0..*]	±		968
	AggregationTransaction <AggtnTx>	[0..1]	±		969
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		970
	SaleItem <Saleitm>	[0..*]	±		970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		971
	AdditionalInformation <AddtlInf>	[0..*]			971
	Identification <Id>	[1..1]	Text		972
	Value <Val>	[0..1]	Binary		972
	ProtectedValue <PrctcdVal>	[0..1]	±		972
	Type <Tp>	[0..1]	Text		972
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		972
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		973
	AccountFrom <AcctFr>	[0..1]			973
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		973
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		974
	AccountName <AcctNm>	[0..1]	Text		975
	AccountOwner <AcctOwnr>	[0..1]			975
	Name <Nm>	[1..1]	Text		975
	Address <Adr>	[1..1]	±		975
	Currency <Ccy>	[0..1]	CodeSet	C1	976
	AccountIdentifier <AcctIdr>	[0..1]			976
{Or	Card <Card>	[1..1]	Text		977
Or	MSISDN <MSISDN>	[1..1]	Text		977
Or	EMail <EMail>	[1..1]	Text		977
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	977
Or	BBAN <BBAN>	[1..1]	IdentifierSet		978
Or	UPIC <UPIC>	[1..1]	IdentifierSet		978

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	Domestic <Dmst>	[1..1]	Text		978
Or}	Other <Othr>	[1..1]	Text		978
	Servicer <Svcr>	[0..1]			978
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	978
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		979
	AccountTo <AcctTo>	[0..1]			979
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		980
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		981
	AccountName <AcctNm>	[0..1]	Text		981
	AccountOwner <AcctOwnr>	[0..1]			982
	Name <Nm>	[1..1]	Text		982
	Address <Adr>	[1..1]	±		982
	Currency <Ccy>	[0..1]	CodeSet	C1	982
	AccountIdentifier <AcctIdr>	[0..1]			983
{Or	Card <Card>	[1..1]	Text		983
Or	MSISDN <MSISDN>	[1..1]	Text		983
Or	EMail <EMail>	[1..1]	Text		983
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	983
Or	BBAN <BBAN>	[1..1]	IdentifierSet		984
Or	UPIC <UPIC>	[1..1]	IdentifierSet		984
Or	Domestic <Dmst>	[1..1]	Text		984
Or}	Other <Othr>	[1..1]	Text		984
	Servicer <Svcr>	[0..1]			984
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	985
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		985
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		985

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 879 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		884
	Traceability <Tracblt>	[0..*]	±		884
	Environment <Envt>	[1..1]	±		884
	Transaction <Tx>	[1..1]			890
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		893
	TransactionIdentification <TxId>	[1..1]	±		893
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		893
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		893
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		893
	InterchangeData <IntrchnngData>	[0..1]	Text		893
	TransactionDetails <TxDtls>	[1..1]			893
	Currency <Ccy>	[0..1]	CodeSet	C1	895
	TotalAmount <TtlAmt>	[1..1]	Amount		896
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		896
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		896
	DetailedAmount <DtldAmt>	[0..1]	±		896
	RequestedAmount <ReqdAmt>	[0..1]	Amount		897
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		897
	InvoiceAmount <InvcAmt>	[0..1]	Amount		897
	ValidityDate <VldtyDt>	[0..1]	Date		897
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		897
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		898
	AccountType <AcctTp>	[0..1]	CodeSet		898
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			899
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		901
	Conversion <Convrs>	[0..1]			901
	CurrencyConversionIdentification <CcyConvrsId>	[0..1]	Text		902
	TargetCurrency <TrgtCcy>	[1..1]			903
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	903
	NumericCode <NmrcCd>	[1..1]	Text		903

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		903
	Name <Nm>	[0..1]	Text		903
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		903
	ExchangeRate <XchgRate>	[1..1]	Rate		904
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		904
	QuotationDate <QtnDt>	[0..1]	DateTime		904
	ValidUntil <VldUntil>	[0..1]	DateTime		904
	SourceCurrency <SrcCcy>	[1..1]			904
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	904
	NumericCode <NmrcCd>	[0..1]	Text		905
	Decimal <Dcml>	[0..1]	Quantity		905
	Name <Nm>	[0..1]	Text		905
	OriginalAmount <OrgnlAmt>	[1..1]			905
	ActualAmount <ActlAmt>	[0..1]	Amount		905
	MinimumAmount <MinAmt>	[0..1]	Amount		905
	MaximumAmount <MaxAmt>	[0..1]	Amount		906
	CommissionDetails <ComssnDtls>	[0..*]			906
	Amount <Amt>	[1..1]	Amount		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	MarkUpDetails <MrkUpDtls>	[0..*]			906
	Rate <Rate>	[1..1]	Rate		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	DeclarationDetails <Dclrtndtls>	[0..*]	±		907
	Instalment <Instlmt>	[0..*]	±		907
	AggregationTransaction <AggtnTx>	[0..1]	±		908
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		909
	SaleItem <SaleItm>	[0..*]	±		909
	DeliveryLocation <DlvryLctn>	[0..1]	Text		910
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		910
	AdditionalInformation <AddtlInf>	[0..*]			910
	Identification <Id>	[1..1]	Text		911

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Binary		911
	ProtectedValue <PrctdVal>	[0..1]	±		911
	Type <Tp>	[0..1]	Text		911
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		911
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		912
	TransactionResponse <TxRspn>	[1..1]			912
	AuthorisationResult <AuthstnRslt>	[1..1]			915
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		915
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			915
	Response <Rspn>	[1..1]	CodeSet		916
	ResponseReason <RspnRsn>	[0..1]	Text		916
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		916
	AuthorisationCode <AuthstnCd>	[0..1]	Text		916
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		916
	TMSTrigger <TMSTrggr>	[0..1]			917
	TMSContactLevel <TMSCtctLv>	[1..1]	CodeSet		917
	TMSIdentification <TMSId>	[0..1]	Text		917
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		917
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			917
	Method <Mtd>	[1..1]	CodeSet		918
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		919
	Result <Rslt>	[0..1]	CodeSet		919
	AdditionalResult <AddtlRslt>	[0..1]	Text		919
	AllowedProductCode <AllwdPdctCd>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		921

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		921
	AmountLimit <AmtLmt>	[0..1]	Amount		921
	QuantityLimit <QtyLmt>	[0..1]	Quantity		921
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		921
	Balance <Bal>	[0..1]	±		923
	ProtectedBalance <PrtctdBal>	[0..1]	±		923
	Action <Actn>	[0..*]			924
	ActionType <ActnTp>	[1..1]	CodeSet		924
	MessageToPresent <MsgToPres>	[0..1]	±		925
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			925
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		926
	TargetCurrency <TrgtCcy>	[1..1]			927
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	927
	NumericCode <NmrcCd>	[1..1]	Text		927
	Decimal <Dcml>	[1..1]	Quantity		927
	Name <Nm>	[0..1]	Text		927
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		928
	ExchangeRate <XchgRate>	[1..1]	Rate		928
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		928
	QuotationDate <QtnDt>	[0..1]	DateTime		928
	ValidUntil <VldUntil>	[0..1]	DateTime		928
	SourceCurrency <SrcCcy>	[1..1]			928
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	928
	NumericCode <NmrcCd>	[0..1]	Text		929
	Decimal <Dcml>	[0..1]	Quantity		929
	Name <Nm>	[0..1]	Text		929
	OriginalAmount <OrgnlAmt>	[1..1]			929
	ActualAmount <ActlAmt>	[0..1]	Amount		929
	MinimumAmount <MinAmt>	[0..1]	Amount		929
	MaximumAmount <MaxAmt>	[0..1]	Amount		930
	CommissionDetails <ComssnDtls>	[0..*]			930

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		930
	MarkUpDetails <MrkUpDtls>	[0..*]			930
	Rate <Rate>	[1..1]	Rate		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		931
	DeclarationDetails <DclrtDtls>	[0..*]	±		931

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 1395

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 <Env>	[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 1395

12.4.2.2.6.6.2 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment78](#)" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrdrhldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

13 caaa.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 <Envnt>	[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 <Envnt>	[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 <RsmrRjctn>	[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
	Exchangeldentification <Xchgld>	[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 1388):

- *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 1394

13.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number"](#) on page 1389

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 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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
	POIGrouplIdentification <POIGrpld>	[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
	POIGrouplIdentification <POIGrpld>	[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 <Envnt>	[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 <Envnt>	[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 <Envnt>	[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 1393

13.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1393

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1383

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 1389

13.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 <POIGrpld>	[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 <Envnt>	[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 <Envnt>	[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 <Envnt>	[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 1392

13.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 1358

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 1392

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 1386

13.4.2.2.2 DataSetResult <DataSetRsIt>

Presence: [1..1]

Definition: Result of the data set capture.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		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 1377

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

13.4.2.2.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

13.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

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 1388):

- *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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1393

13.4.2.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1393

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1383

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 1389

13.4.2.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 <Envnt>	[1..1]	±		419
	Transaction <Tx>	[1..1]			425
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		425
	TransactionIdentification <Txld>	[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 1395

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 1377

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

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

13.4.2.2.6.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1376

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

13.4.2.2.7 SuspendedTransaction <SspdTx>

Presence: [0..*]

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

SuspendedTransaction <SspdTx> contains the following **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 <Envnt>	[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 1395

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 1377

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

13.4.2.2.7.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

13.4.2.2.7.3 Environment <Envnt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Environment <Envt> contains the following elements (see "CardPaymentEnvironment78" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1376

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

13.4.2.2.8 ResumedApproval <RsmdApprvl>

Presence: [0..*]

Definition: Transaction in the batch, whose capture has been approved after suspension.

ResumedApproval <RsmdApprvl> contains the following **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 <Envnt>	[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 1395

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 1377

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

13.4.2.2.8.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BllgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1376

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

13.4.2.2.9 ResumedRejection <RsmdRjctn>

Presence: [0..*]

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

ResumedRejection <RsmdRjctn> contains the following **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 <Envnt>	[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 1395

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 1377

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

13.4.2.2.9.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BllgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1376

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

13.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType31" on page 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

14 caaa.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 <Envnt>	[1..1]	±		456
	AcquirerAvailabilityRequested <AcqrrAvlbttyReqd>	[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 1366

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 1394

14.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

14.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

14.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

14.4.1.8 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 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 <AcqrrAvlbttyReqd>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1388):

- *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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

15 caaa.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 <Envnt>	[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 <ReTrnsmssnCnt>	[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 1366

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 1394

15.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

15.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

15.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1381

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 1393

15.4.2.2.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

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 1388):

- *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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

16 caaa.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 <Envnt>	[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 <ReTrnsmssnCnt>	[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 1366

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 1394

16.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

16.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

16.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1044 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1048
	TransactionType <TxTp>	[1..1]	CodeSet		1049
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1049
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1050
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1050
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1051
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1051
	TransactionIdentification <TxId>	[1..1]	±		1051
	OriginalTransaction <OrgnlTx>	[0..1]			1051
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1053
	TransactionIdentification <TxId>	[1..1]	±		1053
	POIdentification <POId>	[1..1]	±		1053
	CurrencyConversion <CcyConvs>	[0..1]			1053
	Result <Rslt>	[1..1]	CodeSet		1055
	ResultReason <RsltRsn>	[0..1]	Text		1055
	ConversionDetails <ConvsDtls>	[0..*]			1055
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1056
	TargetCurrency <TrgtCcy>	[1..1]			1057
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1057
	NumericCode <NmrcCd>	[1..1]	Text		1057
	Decimal <Dcml>	[1..1]	Quantity		1057
	Name <Nm>	[0..1]	Text		1057
	ResultingAmount <RsltAmt>	[1..1]	Amount		1057
	ExchangeRate <XchgRate>	[1..1]	Rate		1058
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1058
	QuotationDate <QtnDt>	[0..1]	DateTime		1058
	ValidUntil <VldUntil>	[0..1]	DateTime		1058
	SourceCurrency <SrcCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[0..1]	Text		1059

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1059
	Name <Nm>	[0..1]	Text		1059
	OriginalAmount <OrgnlAmt>	[1..1]			1059
	ActualAmount <ActlAmt>	[0..1]	Amount		1059
	MinimumAmount <MinAmt>	[0..1]	Amount		1059
	MaximumAmount <MaxAmt>	[0..1]	Amount		1060
	CommissionDetails <ComssnDtls>	[0..*]			1060
	Amount <Amt>	[1..1]	Amount		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	MarkUpDetails <MrkUpDtls>	[0..*]			1060
	Rate <Rate>	[1..1]	Rate		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1061
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1061
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1061
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1061
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1062
	TransactionDetails <TxDtls>	[1..1]			1062
	Currency <Ccy>	[0..1]	CodeSet	C1	1064
	TotalAmount <TtlAmt>	[1..1]	Amount		1065
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1065
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1065
	DetailedAmount <DtldAmt>	[0..1]	±		1065
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1066
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1066
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1066
	ValidityDate <VldtyDt>	[0..1]	Date		1066
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1066
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1067
	AccountType <AcctTp>	[0..1]	CodeSet		1067
	CurrencyConversionResult <CcyConvRslt>	[0..1]			1068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1070
	Conversion <Convs>	[0..1]			1070
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1071
	TargetCurrency <TrgtCcy>	[1..1]			1072
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1072
	NumericCode <NmrcCd>	[1..1]	Text		1072
	Decimal <Dcml>	[1..1]	Quantity		1072
	Name <Nm>	[0..1]	Text		1072
	ResultingAmount <RsltAmt>	[1..1]	Amount		1072
	ExchangeRate <XchgRate>	[1..1]	Rate		1073
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1073
	QuotationDate <QtnDt>	[0..1]	DateTime		1073
	ValidUntil <VldUntil>	[0..1]	DateTime		1073
	SourceCurrency <SrcCcy>	[1..1]			1073
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1073
	NumericCode <NmrcCd>	[0..1]	Text		1074
	Decimal <Dcml>	[0..1]	Quantity		1074
	Name <Nm>	[0..1]	Text		1074
	OriginalAmount <OrgnlAmt>	[1..1]			1074
	ActualAmount <ActlAmt>	[0..1]	Amount		1074
	MinimumAmount <MinAmt>	[0..1]	Amount		1074
	MaximumAmount <MaxAmt>	[0..1]	Amount		1075
	CommissionDetails <ComssnDtls>	[0..*]			1075
	Amount <Amt>	[1..1]	Amount		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	MarkUpDetails <MrkUpDtls>	[0..*]			1075
	Rate <Rate>	[1..1]	Rate		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1076
	Instalment <Instlmt>	[0..*]	±		1076
	AggregationTransaction <AggtnTx>	[0..1]	±		1077

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1078
	SaleItem <SaleItm>	[0..*]	±		1078
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1079
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1079
	AdditionalInformation <AddtlInf>	[0..*]			1079
	Identification <Id>	[1..1]	Text		1080
	Value <Val>	[0..1]	Binary		1080
	ProtectedValue <PrtctdVal>	[0..1]	±		1080
	Type <Tp>	[0..1]	Text		1080
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1080
	AuthorisationResult <AuthstnRslt>	[0..1]			1081
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1081
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1081
	Response <Rspn>	[1..1]	CodeSet		1082
	ResponseReason <RspnRsn>	[0..1]	Text		1082
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1082
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1082
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1082
	CustomerOrder <CstmrOrd>	[0..1]	±		1082
	CustomerToken <CstmrTkn>	[0..1]	±		1083
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1084
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1084
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1084
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1084
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1084
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1084
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1084

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

17 caaa.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 <IntrchgData>	[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 <UatnnddLvlCtgy>	[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 <RsltAmt>	[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 <ReSubmissnCnt>	[0..1]	Quantity		532
	AdditionalInformation <AddtlInf>	[0..*]			532
	Identification <Id>	[1..1]	Text		533
	Value <Val>	[0..1]	Binary		533
	ProtectedValue <PrctcdVal>	[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 <NvrtedXchgRate>	[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 1366

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 1394

17.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

17.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

17.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <CcyConvRspsn>

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 <IntrchnngData>	[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 <UattnddLvCtgy>	[0..1]	Text		520
	AccountType <AcctTp>	[0..1]	CodeSet		520
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			521
	AcceptedByCardholder <AcptdByCrdhldr>	[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 <RsltAmt>	[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 <ReSubmissnCnt>	[0..1]	Quantity		532
	AdditionalInformation <AddtlInf>	[0..*]			532
	Identification <Id>	[1..1]	Text		533
	Value <Val>	[0..1]	Binary		533
	ProtectedValue <PrctcdVal>	[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 <RsltAmt>	[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 <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment78](#)" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LltyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BllgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 <IntrchgData>	[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 <DtlAmt>	[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 <UatnddLvlCtgy>	[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 <PrctcdVal>	[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 1393

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 1393

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 1391

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 1393

17.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

17.4.2.2.7 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> 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 <UattnddLvCtgy>	[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 <RsltgtAmt>	[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 <DivryLctn>	[0..1]	Text		532
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		532
	AdditionalInformation <AddtlInf>	[0..*]			532
	Identification <Id>	[1..1]	Text		533
	Value <Val>	[0..1]	Binary		533
	ProtectedValue <PrctcdVal>	[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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

17.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

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 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

17.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

17.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1332

17.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

17.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

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 1393

17.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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 <CcyConvRsIt> 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 <CcyConvslId>	[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 <DclrtDtls>	[0..*]	±		529

17.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		525
	ExchangeRate <XchgRate>	[1..1]	Rate		526
	InvertedExchangeRate <NvtrdXchgRate>	[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 <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

17.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

17.4.2.2.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

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 1389

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 1386

17.4.2.2.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

17.4.2.2.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

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 1392

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

17.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

17.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

17.4.2.2.7.17 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItem> contains the following elements (see "Product6" on page 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItemId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

17.4.2.2.7.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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 <PrctcdVal>	[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 1390

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 1333

17.4.2.2.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

17.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

17.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1394

17.4.2.3 CurrencyConversionResult <CcyConvsRslt>

Presence: [1..1]

Definition: Details of the currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <RsIt>	[1..1]	CodeSet		536
	ResultReason <RsItRsn>	[0..1]	Text		536
	ConversionDetails <ConvDsDtls>	[0..*]			536
	CurrencyConversionIdentification <CcyConvSld>	[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 <RsltgtAmt>	[1..1]	Amount		538
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvrtXchgRate>	[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 <DclrtDtls>	[0..*]	±		542

17.4.2.3.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1357

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 1393

17.4.2.3.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		538
	ExchangeRate <XchgRate>	[1..1]	Rate		539
	InvertedExchangeRate <NvtrdXchgRate>	[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 <DclrnDtls>	[0..*]	±		542

17.4.2.3.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

17.4.2.3.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

17.4.2.3.3.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

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 1389

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 1386

17.4.2.3.3.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

17.4.2.3.3.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

17.4.2.3.3.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

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 1389

17.4.2.3.3.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

18 caaa.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> <AccptrCcyConvsAdv>	[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 <AccptrCcyConvsAdv>	[1..1]			551
	Environment <Env>	[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 <IntrchgData>	[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 <UatnnddLvlCtgy>	[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 <RsltAmt>	[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 <ReSubmissnCnt>	[0..1]	Quantity		581
	AdditionalInformation <AddtlInf>	[0..*]			581
	Identification <Id>	[1..1]	Text		582
	Value <Val>	[0..1]	Binary		582
	ProtectedValue <PrctcdVal>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[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 <Xchgld>	[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 1366

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 1394

18.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

18.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

18.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <AccptrCcyConvsvAdv>

Presence: [1..1]

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

AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv> contains the following
AcceptorCurrencyConversionAdvice6 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env>	[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 <IntrchnngData>	[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 <UattnddLvCtgy>	[0..1]	Text		569
	AccountType <AcctTp>	[0..1]	CodeSet		569
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			570
	AcceptedByCardholder <AcptdByCrdhldr>	[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 <RsltAmt>	[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 <ReSubmissnCnt>	[0..1]	Quantity		581
	AdditionalInformation <AddtlInf>	[0..*]			581
	Identification <Id>	[1..1]	Text		582
	Value <Val>	[0..1]	Binary		582
	ProtectedValue <PrctcdVal>	[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 <CcyConvRslt>	[0..1]			583
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		585
	Conversion <Conv>	[0..1]			585
	CurrencyConversionIdentification <CcyConvslId>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 <IntrchgData>	[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 <DtlAmt>	[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 <UatnddLvlCtgy>	[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 <PrctcdVal>	[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 1393

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 1393

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 1391

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 1393

18.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

18.4.2.2.7 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> 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 <UattnddLvCtgy>	[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 <DivryLctn>	[0..1]	Text		581
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		581
	AdditionalInformation <AddtlInf>	[0..*]			581
	Identification <Id>	[1..1]	Text		582
	Value <Val>	[0..1]	Binary		582
	ProtectedValue <PrctcdVal>	[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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

18.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

18.4.2.2.7.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

18.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

18.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1332

18.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

18.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

18.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

18.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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

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

18.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		572
	Conversion <Convs>	[0..1]			572
	CurrencyConversionIdentification <CcyConvslId>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[0..*]	±		578

18.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhdr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		574
	ExchangeRate <XchgRate>	[1..1]	Rate		575
	InvertedExchangeRate <NvtrdXchgRate>	[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 <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

18.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

18.4.2.2.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

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 1389

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 1386

18.4.2.2.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

18.4.2.2.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

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 1392

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

18.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

18.4.2.2.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

18.4.2.2.7.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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 <PrctcdVal>	[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 1390

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 1333

18.4.2.2.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

18.4.2.2.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

18.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1394

18.4.2.3 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder and its result.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		585
	Conversion <Convs>	[0..1]			585
	CurrencyConversionIdentification <CcyConvslId>	[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 <DclrtDtls>	[0..*]	±		591

18.4.2.3.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 1388](#)):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		587
	ExchangeRate <XchgRate>	[1..1]	Rate		588
	InvertedExchangeRate <NvrtXchgRate>	[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 <DclrtDtls>	[0..*]	±		591

18.4.2.3.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

18.4.2.3.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

18.4.2.3.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

18.4.2.3.2.5 InvertedExchangeRate <NvtrdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

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 1386

18.4.2.3.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

18.4.2.3.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

18.4.2.3.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

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 1389

18.4.2.3.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

18.4.2.3.2.12 DeclarationDetails <DclrtndtIs>

Presence: [0..*]

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

DeclarationDetails <DclrtndtIs> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRcdNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

19 caaa.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> <AccptrCcyConvsAdvRspn>	[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 <CcyConvsAdvRspn>	[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 <ReTrnsmssnCntnr>	[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 1366

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 1394

19.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

19.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

19.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1393

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 1391

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 1393

19.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: ["Response9Code"](#) on page 1377

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

19.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		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 1381

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 1393

19.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

20 caaa.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> <TxAdv>	[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 <ReTrnsmssnCnt>	[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 <TxAdv>	[1..1]			617
	Environment <Env>	[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 <IntrTxId>	[0..1]	Text		641
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		642
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		642
	InterchangeData <IntrchgData>	[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 <DtlAmt>	[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 <UattnddLvCtgy>	[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 <ReSubmissnCnt>	[0..1]	Quantity		659
	AdditionalInformation <AddtlInf>	[0..*]			659
	Identification <Id>	[1..1]	Text		660
	Value <Val>	[0..1]	Binary		660
	ProtectedValue <PrctcdVal>	[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 <Acctldr>	[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 1366

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 1394

20.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

20.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

20.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <TxAdv> contains the following **AcceptorCompletionAdvice11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env>	[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 <IntrchnngData>	[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 <UattnddLv/Ctgy>	[0..1]	Text		647
	AccountType <AcctTp>	[0..1]	CodeSet		647
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			648
	AcceptedByCardholder <AcptdByCrdhldr>	[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 <DclrtDtls>	[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 <ReSubmissnCnt>	[0..1]	Quantity		659
	AdditionalInformation <AddtlInf>	[0..*]			659
	Identification <Id>	[1..1]	Text		660
	Value <Val>	[0..1]	Binary		660
	ProtectedValue <PrctcdVal>	[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 <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envnt> contains the following elements (see "[CardPaymentEnvironment78](#)" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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 <Rvs/ >	[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 <IntrchnngData>	[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 <DtlAmt>	[0..1]	±		645
	RequestedAmount <ReqdAmt>	[0..1]	Amount		646
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		646
	InvoiceAmount <InvAmt>	[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 <UatnddLvCtgy>	[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 <RsltAmt>	[1..1]	Amount		652
	ExchangeRate <XchgRate>	[1..1]	Rate		653
	InvertedExchangeRate <NvrtedXchgRate>	[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 <ReSubmissnCnt>	[0..1]	Quantity		659
	AdditionalInformation <AddtlInf>	[0..*]			659
	Identification <Id>	[1..1]	Text		660
	Value <Val>	[0..1]	Binary		660
	ProtectedValue <PrctcdVal>	[0..1]	±		660
	Type <Tp>	[0..1]	Text		660
	ICCRRelatedData <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 1388):

- *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 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.

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 1354

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 1353

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 1388):

- *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 1396

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 1388):

- *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 1393

20.4.2.3.9 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 1393

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 1393

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 <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

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 1388):

- *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 1388):

- *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 1388):

- *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 1359

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 1393

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 1391

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 1393

20.4.2.3.20 InterchangeData <IntrchgngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

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 1391

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 1391

20.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> 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 <UattnddLvltCtgy>	[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 <RsltgtAmt>	[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 <DivryLctn>	[0..1]	Text		659
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		659
	AdditionalInformation <AddtlInf>	[0..*]			659
	Identification <Id>	[1..1]	Text		660
	Value <Val>	[0..1]	Binary		660
	ProtectedValue <PrctcdVal>	[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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

20.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

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 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

20.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

20.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1332

20.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

20.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

20.4.2.3.23.11 UnattendedLevelCategory <UattnddLvltctgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

20.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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 <CcyConvRsIt> contains the following **CurrencyConversion24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdrHldr>	[0..1]	Indicator		650
	Conversion <Convs>	[0..1]			650
	CurrencyConversionIdentification <CcyConvslId>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[0..*]	±		656

20.4.2.3.23.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		652
	ExchangeRate <XchgRate>	[1..1]	Rate		653
	InvertedExchangeRate <NvrtXchgRate>	[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 <DclrnDtls>	[0..*]	±		656

20.4.2.3.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

20.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

20.4.2.3.23.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

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 1389

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 1386

20.4.2.3.23.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

20.4.2.3.23.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

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 1332

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 1332

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 1332

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 1332

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 1392

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

20.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

20.4.2.3.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 1390

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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

20.4.2.3.23.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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 <PrctcdVal>	[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 1390

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 1333

20.4.2.3.23.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

20.4.2.3.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

20.4.2.3.24 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		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 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

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 1377

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

20.4.2.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

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 1391

20.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

20.4.2.3.25 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

Definition: Result of the performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		663
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		663
	Result <RsIt>	[0..1]	CodeSet		664
	AdditionalResult <AddtlRsIt>	[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 1345

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 1345

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 1386

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 1394

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 1394

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 <Acctldr>	[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 <Prtryld>	[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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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	EEmail <EEmail>	[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 1396

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 1391

20.4.2.3.27.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

20.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 <Prtryld>	[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 1387

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 <Prtryld>

Presence: [1..1]

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

ProprietaryIdentification <Prtryld> contains the following elements (see "[GenericIdentification1](#)" on page 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1396

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 1391

20.4.2.3.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

20.4.2.3.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 <Prtryld>	[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 1387

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 <Prtryld>

Presence: [1..1]

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

ProprietaryIdentification <Prtryld> contains the following elements (see "GenericIdentification1" on page 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

20.4.2.3.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

21 caaa.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> <TxAdvRspn>	[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 <TxAdvRspn>	[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 <ReTrnsmssnCnt>	[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 1366

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 1394

21.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

21.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

21.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 <Env> contains the following elements (see "[CardPaymentEnvironment78](#)" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1393

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 1393

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 1391

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 1393

21.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: ["Response9Code"](#) on page 1377

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

21.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		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 1381

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 1393

21.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

22 caaa.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 <TxDtIs>	[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 <UattnddLvCtgy>	[0..1]	Text		735
	AccountType <AcctTp>	[0..1]	CodeSet		735
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			736
	AcceptedByCardholder <AccptdByCrhdldr>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[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 <ReSubmissnCnt>	[0..1]	Quantity		747
	AdditionalInformation <AddtlInf>	[0..*]			747
	Identification <Id>	[1..1]	Text		748
	Value <Val>	[0..1]	Binary		748
	ProtectedValue <PrctdVal>	[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 <ReTrnsmssnCnt>	[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 1366

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 1394

22.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

22.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

22.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <InvAmt>	[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 <UattnddLvCtgy>	[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 <RsltAmt>	[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 <ReSubmissnCnt>	[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 <Acctldr>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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 <UatnddLvCtgy>	[0..1]	Text		735

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		735
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			736
	AcceptedByCardholder <AcptdByCrhdldr>	[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 <RsltgtAmt>	[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 <ReSubmissnCnt>	[0..1]	Quantity		747
	AdditionalInformation <AddtlInf>	[0..*]			747
	Identification <Id>	[1..1]	Text		748
	Value <Val>	[0..1]	Binary		748
	ProtectedValue <PrctcdVal>	[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 <Acctldr>	[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 1367

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 <DtlAmt>	[0..1]	±		733
	RequestedAmount <ReqdAmt>	[0..1]	Amount		734
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		734
	InvoiceAmount <InvAmt>	[0..1]	Amount		734
	ValidityDate <VldtyDt>	[0..1]	Date		734
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		734
	UnattendedLevelCategory <UatnddLvCtgy>	[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 <Conv>	[0..1]			738
	CurrencyConversionIdentification <CcyConvsl>	[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 <RsltAmt>	[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 <DclrtDtls>	[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 <ReSubmissnCnt>	[0..1]	Quantity		747
	AdditionalInformation <AddtlInf>	[0..*]			747
	Identification <Id>	[1..1]	Text		748
	Value <Val>	[0..1]	Binary		748
	ProtectedValue <PrctcdVal>	[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 1388):

- *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 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.
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 1354

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 1353

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 1388):

- *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 1396

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 1388):

- *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 1393

22.4.2.3.2.9 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 1393

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 1393

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 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

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 1393

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 1393

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 1391

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 1391

22.4.2.3.2.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> 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 <UattnddLvICtgy>	[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 <RsltgtAmt>	[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 <DivryLctn>	[0..1]	Text		747
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		747
	AdditionalInformation <AddtlInf>	[0..*]			747
	Identification <Id>	[1..1]	Text		748
	Value <Val>	[0..1]	Binary		748
	ProtectedValue <PrctcdVal>	[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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

22.4.2.3.2.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

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 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

22.4.2.3.2.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

22.4.2.3.2.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

22.4.2.3.2.17.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1386

22.4.2.3.2.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

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 1393

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 1349

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

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

22.4.2.3.2.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		738
	Conversion <Convs>	[0..1]			738
	CurrencyConversionIdentification <CcyConvslId>	[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 <RsltgtAmt>	[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 <DclrtDtls>	[0..*]	±		744

22.4.2.3.2.17.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

- *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 <CcyConvslId>	[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 <RsltAmt>	[1..1]	Amount		740
	ExchangeRate <XchgRate>	[1..1]	Rate		741
	InvertedExchangeRate <NvrtXchgRate>	[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 <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

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 1393

22.4.2.3.2.17.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

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 1389

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 1386

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 1386

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

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 1393

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 1332

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 1332

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 1332

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 1332

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 1392

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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 <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

22.4.2.3.2.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

22.4.2.3.2.17.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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 <PrctcdVal>	[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 1390

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 1333

22.4.2.3.2.17.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

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 1333

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 1394

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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

- **ActiveCurrency**

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

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		753
Or	MSISDN <MSISDN>	[1..1]	Text		753
Or	EEmail <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 1396

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 1391

22.4.2.3.2.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

22.4.2.3.2.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

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 1335

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 1349

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 1394

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 1394

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	C3	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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1396

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 1391

22.4.2.3.2.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

22.4.2.3.2.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

22.4.2.3.2.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

23 caaa.023.001.02

AcceptorNonFinancialResponseV02

23.1 MessageDefinition Functionality

The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional 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 <Envnt>	[1..1]	±		769
	ResponseContent <RspnCnnt>	[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 <ReTrnsmssnCnt>	[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 1366

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 1394

23.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

23.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

23.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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
	TraceDateTimeln <TracDtTmln>	[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 <RspnCnnt>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LltyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

23.4.2.2 ResponseContent <RspnCnnt>

Presence: [1..*]

Definition: Response of the non financial request.

ResponseContent <RspnCnnt> 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 1367

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 1368

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 1335

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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 1239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1239
	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 1239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1239
	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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

24 caaa.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
	POIdentification <POId>	[0..1]	Text		800
	SaleIdentification <SaleId>	[0..1]	Text		800
	CashierIdentification <CshrlId>	[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 1366

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 1394

24.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

24.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

24.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 <SchOutputOrdr>	[0..1]			798
	CriteriaOrder <CritOrdr>	[1..*]			798
	Target <Trgt>	[1..1]	Text		798
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		798
	BlockStart <BlickStart>	[0..1]	Quantity		799
	BlockStop <BlickStop>	[0..1]	Quantity		799
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			799
	TotalDetails <TtlDtls>	[0..1]	CodeSet		799
	TotalFilter <TtlFiltr>	[0..1]			800
	POIIdentification <POIId>	[0..1]	Text		800
	SaleIdentification <SaleId>	[0..1]	Text		800
	CashierIdentification <CshrlId>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandatImage <MndtImg>	[0..1]	Binary		1217

24.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService6Code" on page 1378

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 <Oprr>	[1..1]	CodeSet		797
	Value <Val>	[1..1]	Text		798
	SearchOutputOrder <SchOutputOrdr>	[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 <Oprr>	[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 <Oprr>	[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 <Oprr>	[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 1394

24.4.2.4.1.1.1.2 Operator <Oprr>

Presence: [1..1]

Definition: Comparison operator used to evaluate matching transactions vs criteria.

Datatype: "Operator1Code" on page 1369

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.

24.4.2.4.1.1.3 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 1394

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 1394

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 1388):

- *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 1389

24.4.2.4.5 BlockStop <BlckStop>

Presence: [0..1]

Definition: Index of the last transaction matching the search criteria.

Datatype: "PositiveNumber" on page 1389

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 <CshrlId>	[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 1381

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 <TtIFltr>

Presence: [0..1]

Definition: Filter to compute the totals.

TotalFilter <TtIFltr> contains the following **TotalFilter1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIId>	[0..1]	Text		800
	SaleIdentification <SaleId>	[0..1]	Text		800
	CashierIdentification <CshrlId>	[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 1393

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 1393

24.4.2.5.2.3 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1393

24.4.2.5.2.4 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max35Text" on page 1393

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 1393

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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

25 caaa.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 <POIRcnccltnId>	[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 <LtySvrId>	[0..1]	Text		834
	ApprovalCode <ApprvlCd>	[0..1]	Text		834
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		834
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		834
	Rebates <Rbts>	[0..1]			834
	TotalRebate <TtlRbt>	[0..1]	Amount		835
	RebateLabel <RbtLbl>	[0..1]	Text		835
	SaleItemRebate <SaleitmRbt>	[0..*]			835
	SaleItem <Saleitm>	[1..1]	±		835
	RebateLabel <RbtLbl>	[0..1]	Text		836
	CustomerOrder <CstmrOrd>	[0..*]	±		836
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			837
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		839
	TransactionTotalsSet <TxTtlsSet>	[0..*]			839
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		841
	AcquirerIdentification <Acqrrld>	[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 <CshrlId>	[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 <Regldr>	[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 <ReTrnsmssnCnt>	[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 1366

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 1394

25.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 1389

25.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 1393

25.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 1386

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 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 <ApprvICd>	[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 <RbtLbl>	[0..1]	Text		835

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItemRebate <SaleItmRbt>	[0..*]			835
	SaleItem <SaleItm>	[1..1]	±		835
	RebateLabel <RbtLbl>	[0..1]	Text		836
	CustomerOrder <CstmrOrd>	[0..*]	±		836
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			837
	POIReconciliationIdentification <POIRcncltnld>	[1..1]	Text		839
	TransactionTotalsSet <TxTtlsSet>	[0..*]			839
	PaymentInstrumentType <PmtlnstrmTp>	[1..1]	CodeSet		841
	AcquirerIdentification <Acqrrld>	[0..1]	Text		841
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		841
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		841
	Brand <Brnd>	[0..1]	Text		841
	POIIdentification <POIld>	[0..1]	Text		841
	SaleIdentification <Saleld>	[0..1]	Text		842
	CashierIdentification <Cshrld>	[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 <Regdldr>	[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
	POIGrouplIdentification <POIGrpId>	[0..1]	Text		845
	LoyaltyUnit <LtyUnit>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LltyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crdhldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

25.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService7Code" on page 1378

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 <RbtLbl>	[0..1]	Text		835
	SaleItemRebate <SaleItmRbt>	[0..*]			835
	SaleItem <SaleItm>	[1..1]	±		835
	RebateLabel <RbtLbl>	[0..1]	Text		836

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrd>	[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 1389

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 1389

25.4.2.4.3 BlockStop <BlckStop>

Presence: [1..1]

Definition: Index of the last transaction reported in this message.

Datatype: "PositiveNumber" on page 1389

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 <LtyRslt>	[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 <LtySvrId>	[0..1]	Text		834
	ApprovalCode <ApprvlCd>	[0..1]	Text		834
	LoyaltyTransactionIdentification <LtyTxId>	[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 <CstmrOrd>	[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 1239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1239
	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 <CstmrOrd>	[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 1393

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 1393

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 1391

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 1102 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1105
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1106
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1106
	RequestedTransaction <ReqdTxx>	[0..1]	±		1107
	TransactionResponse <TxRspn>	[0..1]			1111
	AuthorisationResult <AuthstnRslt>	[1..1]			1114
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1114
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1114
	Response <Rspn>	[1..1]	CodeSet		1115
	ResponseReason <RspnRsn>	[0..1]	Text		1115
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1115
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1115
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1115
	TMSTrigger <TMSTrggr>	[0..1]			1116
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1116
	TMSIdentification <TMSId>	[0..1]	Text		1116
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1116
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1116
	Method <Mtd>	[1..1]	CodeSet		1117
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1118
	Result <Rslt>	[0..1]	CodeSet		1118
	AdditionalResult <AddtlRslt>	[0..1]	Text		1118
	AllowedProductCode <AllwdPdctCd>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1120

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1120
	AmountLimit <AmtLmt>	[0..1]	Amount		1120
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1120
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1120
	Balance <Bal>	[0..1]	±		1122
	ProtectedBalance <PrtctdBal>	[0..1]	±		1122
	Action <Actn>	[0..*]			1123
	ActionType <ActnTp>	[1..1]	CodeSet		1123
	MessageToPresent <MsgToPres>	[0..1]	±		1124
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1124
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1125
	TargetCurrency <TrgtCcy>	[1..1]			1126
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1126
	NumericCode <NmrcCd>	[1..1]	Text		1126
	Decimal <Dcml>	[1..1]	Quantity		1126
	Name <Nm>	[0..1]	Text		1126
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		1127
	ExchangeRate <XchgRate>	[1..1]	Rate		1127
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1127
	QuotationDate <QtnDt>	[0..1]	DateTime		1127
	ValidUntil <VldUntil>	[0..1]	DateTime		1127
	SourceCurrency <SrcCcy>	[1..1]			1127
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1127
	NumericCode <NmrcCd>	[0..1]	Text		1128
	Decimal <Dcml>	[0..1]	Quantity		1128
	Name <Nm>	[0..1]	Text		1128
	OriginalAmount <OrgnlAmt>	[1..1]			1128
	ActualAmount <ActlAmt>	[0..1]	Amount		1128
	MinimumAmount <MinAmt>	[0..1]	Amount		1128
	MaximumAmount <MaxAmt>	[0..1]	Amount		1129
	CommissionDetails <ComssnDtls>	[0..*]			1129

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1129
	MarkUpDetails <MrkUpDtls>	[0..*]			1129
	Rate <Rate>	[1..1]	Rate		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1130
	DeclarationDetails <DclrtDtls>	[0..*]	±		1130
	CustomerOrder <CstmrOrd>	[0..*]	±		1130
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1131
	ImageFormat <ImgFrmt>	[1..1]	Text		1131
	ImageData <ImgData>	[0..1]	Binary		1131
	ImageReference <ImgRef>	[0..1]	Text		1132
	AdditionalInformation <AddtlInf>	[0..1]	Text		1132
	ProtectedCapturedSignature <PrtctdCaptrdSgntr>	[0..1]	±		1132
	MerchantOverrideFlag <MrchntOvrrdFlg>	[0..1]	Indicator		1132
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C6	1132
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1132

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 1137 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		1138
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1138
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		1138
	OutputContent <OutptCntt>	[1..1]	±		1139

25.4.2.4.4.2.8 LoyaltyResult <LtyRslt>

Presence: [0..*]

Definition: Data related to the result of a processed loyalty transaction.

LoyaltyResult <LtyRslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		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 <LtySvrId>	[0..1]	Text		834
	ApprovalCode <ApprvlCd>	[0..1]	Text		834
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		834
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		834
	Rebates <Rbts>	[0..1]			834
	TotalRebate <TtlRbt>	[0..1]	Amount		835
	RebateLabel <RbtLbl>	[0..1]	Text		835
	SaleItemRebate <SaleItmRbt>	[0..*]			835
	SaleItem <SaleItm>	[1..1]	±		835
	RebateLabel <RbtLbl>	[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 1139 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1140
	EntryMode <NtryMd>	[0..1]	CodeSet		1140
	IdentificationType <IdTp>	[0..1]	CodeSet		1141
	Brand <Brnd>	[0..1]	Text		1141
	Provider <Prvdr>	[0..1]	Text		1141
	OwnerName <OwnrNm>	[0..1]	Text		1141
	Unit <Unit>	[0..1]	CodeSet		1141
	Currency <Ccy>	[0..1]	CodeSet	C1	1142
	Balance <Bal>	[0..1]	Amount		1142

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 1344

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 <LtySvrId>	[0..1]	Text		834
	ApprovalCode <ApprvICd>	[0..1]	Text		834
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		834
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		834

25.4.2.4.4.2.8.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 1393

25.4.2.4.4.2.8.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 1396

25.4.2.4.4.2.8.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see "TransactionIdentifier1" on page 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 1393

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 <RbtLbl>	[0..1]	Text		835
	SaleItemRebate <SaleitmRbt>	[0..*]			835
	SaleItem <Saleitm>	[1..1]	±		835
	RebateLabel <RbtLbl>	[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 1332

25.4.2.4.4.2.8.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1393

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 <RbtLbl>	[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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	SaleChannel <SaleChanl>	[0..1]	Text		1255
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1255

25.4.2.4.4.2.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 1393

25.4.2.4.4.2.9 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 1241 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1242
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1242
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1242
	StartDate <StartDt>	[1..1]	DateTime		1242
	EndDate <EndDt>	[0..1]	DateTime		1242
	Unit <Unit>	[0..1]	CodeSet		1243
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1243
	CurrentAmount <CurAmt>	[0..1]	Amount		1243
	Currency <Ccy>	[0..1]	CodeSet	C1	1243
	AccessedBy <AccsdBy>	[0..1]	Text		1243
	AdditionalInformation <AddtlInf>	[0..1]	Text		1243

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 <Acqrrld>	[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 <CshrlId>	[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 <Regldr>	[1..1]	Text		843
	TransactionTotal <TxTtl>	[1..1]			843
	POIGroupIdentification <POIGrpld>	[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 <POIGrpld>	[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 POIRconciliationIdentification <POIRcncldId>

Presence: [1..1]

Definition: Identification of the reconciliation period between Sale and POI.

Datatype: "Max35Text" on page 1393

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 <Acqrrld>	[0..1]	Text		841
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		841
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		841
	Brand <Brnd>	[0..1]	Text		841
	POIIdentification <POIld>	[0..1]	Text		841
	SaleIdentification <Saleld>	[0..1]	Text		842
	CashierIdentification <Cshrlld>	[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 <Regldr>	[1..1]	Text		843
	TransactionTotal <TxTtl>	[1..1]			843
	POIGroupIdentification <POIGrpld>	[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 <DtlldAmt>	[0..1]	±		844
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			845
	POIGroupIdentification <POIGrpld>	[0..1]	Text		845
	LoyaltyUnit <LtyUnit>	[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 1372

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 <Acqrrld>

Presence: [0..1]

Definition: Identification of an Acquirer.

Datatype: "Max35Text" on page 1393

25.4.2.5.2.3 ReconciliationIdentification <Rcncltnld>

Presence: [0..1]

Definition: Identifier of a host reconciliation period: acquirer for a payment or server for loyalty.

Datatype: "Max35Text" on page 1393

25.4.2.5.2.4 SaleReconciliationIdentification <SaleRcncltnld>

Presence: [0..1]

Definition: Identifier of a reconciliation period on the sale system.

Datatype: "Max35Text" on page 1393

25.4.2.5.2.5 Brand <Brnd>

Presence: [0..1]

Definition: Brand of payment card or loyalty system.

Datatype: "Max35Text" on page 1393

25.4.2.5.2.6 POIIdentification <POIld>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 1393

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 1393

25.4.2.5.2.8 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transactions.

Datatype: "Max35Text" on page 1393

25.4.2.5.2.9 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 1392

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 <RegIdIdr>	[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 1394

25.4.2.5.2.10.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 1391

25.4.2.5.2.10.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1363

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 1396

25.4.2.5.2.10.5 RegisteredIdentifier <Regdldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1393

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
	POIGrouplIdentification <POIGrpld>	[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 POIGrouplIdentification <POIGrpld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1383

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 <TtINb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 1389

25.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

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
	POIGrouplIdentification <POIGrpld>	[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 POIGrouplIdentification <POIGrpld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1344

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 1393

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1365

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 1389

25.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

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 1239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1239
	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 1101 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

26.1.1.1.2 ParametersVersion <ParamsVrsn>

Presence: [0..1]

Definition: Version of the payment acquirer parameters of the POI.

Datatype: "Max256Text" on page 1392

26.1.1.2 KEKIdentifier7

Definition: Identification of a key encryption key (KEK), using previously distributed symmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.1.2.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 1391

26.1.1.2.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 1391

26.1.1.2.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 1389

26.1.1.2.4 DerivationIdentification <DerivtnId>

Presence: [0..1]

Definition: Identification used for derivation of a unique key from a master key provided for the data protection.

Datatype: "Max500Binary" on page 1334

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]	±		851
	Email <Email>	[0..1]	Text		851
	URLAddress <URLAdr>	[0..1]	Text		851
	Phone <Phne>	[0..1]	Text		852
	CustomerService <CstmrSvc>	[0..1]	Text		852
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		852

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 1392

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 1392

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 1396

26.1.2.1.5 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

Datatype: "PhoneNumber" on page 1396

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 1392

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		852
	Currency <Ccy>	[1..1]	CodeSet	C1	852
	Sign <Sgn>	[0..1]	Indicator		853

26.1.3.1.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.3.1.2 Currency <Ccy>

Presence: [1..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1388):

- *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		853
	OtherType <OthrTp>	[0..1]	Text		853
	SubType <SubTp>	[0..1]	Text		854
	Amount <Amt>	[0..1]	±		854
	Percentage <Pctg>	[0..1]	Rate		854

26.1.3.2.1 Type <Tp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "[InstalmentAmountDetailsType1Code](#)" on page 1362

CodeName	Name	Definition
TAXX	Tax	Instalment amount tax
RQST	Requested	Requested amount
OTHP	OtherPrivate	Grace period unit type
OTHN	OtherNational	Grace period unit type
OTHC	OtherCharges	Other amounts
INSU	Insurance	Insurance amount
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

26.1.3.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 1393

26.1.3.2.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: "Max35Text" on page 1393

26.1.3.2.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see "Amount5" on page 854 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		854
	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 1389

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		854
	Sign <Sgn>	[0..1]	Indicator		854

26.1.3.3.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1388):

- *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		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

26.1.3.4.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

Presence: [0..1]

Definition: Amount of purchase goods and services without tax.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.3.4.2 CashBack <CshBck>

Presence: [0..1]

Definition: Cash-back amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.3.4.3 Gratuity <Grtty>

Presence: [0..1]

Definition: Gratuity amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.3.4.4 Fees <Fees>

Presence: [0..*]

Definition: Fees amount.

Fees <Fees> contains the following elements (see "DetailedAmount4" on page 856 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		856
	Label <Labl>	[0..1]	Text		857

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 856 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		856
	Label <Labl>	[0..1]	Text		857

26.1.3.4.6 ValueAddedTax <ValAddedTax>

Presence: [0..*]

Definition: Value added tax amount.

ValueAddedTax <ValAddedTax> contains the following elements (see "[DetailedAmount4](#)" on page 856 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		856
	Label <Labl>	[0..1]	Text		857

26.1.3.4.7 Surcharge <Srchr>

Presence: [0..*]

Definition: Additional charge paid by the cardholder. For example airline credit card surcharge.

Surcharge <Srchr> contains the following elements (see "[DetailedAmount4](#)" on page 856 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		856
	Label <Labl>	[0..1]	Text		857

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		857

26.1.3.5.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.3.5.2 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1391

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		857
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		857
	EffectiveDate <FctvDt>	[0..1]	Text		857
	ExpiryDate <XpryDt>	[1..1]	Text		858
	ServiceCode <SvcCd>	[0..1]	Text		858
	Track1 <Trck1>	[0..1]	Text		858
	Track2 <Trck2>	[0..1]	Text		858
	Track3 <Trck3>	[0..1]	Text		858
	CardholderName <CrdhldrNm>	[0..1]	Text		858

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 1396

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 1395

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 1390

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 1390

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 1390

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 1394

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 1393

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 1390

26.1.4.1.9 CardholderName <CrdhldrNm>

Presence: [0..1]

Definition: Name of the cardholder stored on the card.

Datatype: "Max45Text" on page 1393

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		859
	UnitType <UnitTp>	[1..1]	CodeSet		859
	OtherUnitType <OthrUnitTp>	[0..1]	Text		859

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 1393

26.1.5.1.2 UnitType <UnitTp>

Presence: [1..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 1361

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 1393

26.1.5.2 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		861
	Traceability <Tracblt>	[0..*]	±		861
	Environment <Envt>	[1..1]	±		861
	Context <Cntxt>	[0..1]	±		867
	Transaction <Tx>	[1..1]			870
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		872
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		872
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		872
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		872
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		872
	TransactionIdentification <TxId>	[1..1]	±		872
	OriginalTransaction <OrgnlTx>	[0..1]	±		873
	TransactionSuccess <TxSucss>	[1..1]	Indicator		873
	Reversal <Rvsl>	[0..1]	Indicator		874
	FailureReason <FailrRsn>	[0..*]	CodeSet		874
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		874
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		875
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		875
	InterchangeData <IntrchgngData>	[0..1]	Text		875
	TransactionDetails <TxDtls>	[1..1]			875
	Currency <Ccy>	[0..1]	CodeSet	C1	875
	TotalAmount <TtlAmt>	[1..1]	Amount		876
	ValidityDate <VldtyDt>	[0..1]	Date		876
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		876
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		876
	AuthorisationResult <AuthstnRslt>	[0..1]			876
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		877
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			877
	Response <Rspn>	[1..1]	CodeSet		878
	ResponseReason <RspnRsn>	[0..1]	Text		878
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		878

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		878
	TMSTrigger <TMSTrggr>	[0..1]			878
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		878
	TMSIdentification <TMSId>	[0..1]	Text		879
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		879
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		879

26.1.5.2.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1395

26.1.5.2.2 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 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

26.1.5.2.3 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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LltyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BllgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

26.1.5.2.4 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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

26.1.5.2.5 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		872
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		872
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		872
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		872
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		872
	TransactionIdentification <TxId>	[1..1]	±		872
	OriginalTransaction <OrgnlTx>	[0..1]	±		873
	TransactionSuccess <TxSucss>	[1..1]	Indicator		873
	Reversal <Rvs/>	[0..1]	Indicator		874
	FailureReason <FailrRsn>	[0..*]	CodeSet		874
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		874
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		875
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		875
	InterchangeData <IntrchgData>	[0..1]	Text		875
	TransactionDetails <TxDtls>	[1..1]			875
	Currency <Ccy>	[0..1]	CodeSet	C1	875
	TotalAmount <TtlAmt>	[1..1]	Amount		876
	ValidityDate <VldtyDt>	[0..1]	Date		876
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		876
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		876
	AuthorisationResult <AuthstnRslt>	[0..1]			876
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		877
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			877
	Response <Rspn>	[1..1]	CodeSet		878
	ResponseReason <RspnRsn>	[0..1]	Text		878
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		878
	AuthorisationCode <AuthstnCd>	[0..1]	Text		878
	TMSTrigger <TMSTrggr>	[0..1]			878
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		878
	TMSIdentification <TMSId>	[0..1]	Text		879
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		879

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		879

26.1.5.2.5.1 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 1396

26.1.5.2.5.2 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 1388):

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

26.1.5.2.5.3 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 1393

26.1.5.2.5.4 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.2.5.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.2.5.6 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

26.1.5.2.5.7 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIId>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

26.1.5.2.5.8 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 1388):

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

26.1.5.2.5.9 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 1388):

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

26.1.5.2.5.10 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 1359

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.

26.1.5.2.5.11 InitiatorTransactionIdentification <InitrTxld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.2.5.12 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1391

26.1.5.2.5.13 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 1393

26.1.5.2.5.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

26.1.5.2.5.15 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	875
	TotalAmount <TtlAmt>	[1..1]	Amount		876
	ValidityDate <VldtyDt>	[0..1]	Date		876
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		876
	KeepAuthorisationOpen <KeepAuthstrnOpn>	[0..1]	Indicator		876

26.1.5.2.5.15.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

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

26.1.5.2.5.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.2.5.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

26.1.5.2.5.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

26.1.5.2.5.15.5 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 1388):

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

26.1.5.2.5.16 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]	±		877
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			877
	Response <Rspn>	[1..1]	CodeSet		878
	ResponseReason <RspnRsn>	[0..1]	Text		878
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		878
	AuthorisationCode <AuthstnCd>	[0..1]	Text		878
	TMSTrigger <TMSTrggr>	[0..1]			878
	TMSContactLevel <TMSCtctLv>	[1..1]	CodeSet		878
	TMSIdentification <TMSId>	[0..1]	Text		879
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		879

26.1.5.2.5.16.1 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 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

26.1.5.2.5.16.2 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		878
	ResponseReason <RspnRsn>	[0..1]	Text		878
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		878

26.1.5.2.5.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1377

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

26.1.5.2.5.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

26.1.5.2.5.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

26.1.5.2.5.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

26.1.5.2.5.16.4 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		878
	TMSIdentification <TMSId>	[0..1]	Text		879
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		879

26.1.5.2.5.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1381

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.

26.1.5.2.5.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.2.5.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

26.1.5.2.5.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

26.1.5.3 CardPaymentDataSetTransaction38

Definition: Card payment transaction including an authorisation response.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		884
	Traceability <Tracblt>	[0..*]	±		884
	Environment <Envt>	[1..1]	±		884
	Transaction <Tx>	[1..1]			890
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		893
	TransactionIdentification <TxId>	[1..1]	±		893
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		893
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		893
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		893
	InterchangeData <IntrchnngData>	[0..1]	Text		893
	TransactionDetails <TxDtls>	[1..1]			893
	Currency <Ccy>	[0..1]	CodeSet	C1	895
	TotalAmount <TtlAmt>	[1..1]	Amount		896
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		896
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		896
	DetailedAmount <DtldAmt>	[0..1]	±		896
	RequestedAmount <ReqdAmt>	[0..1]	Amount		897
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		897
	InvoiceAmount <InvAmt>	[0..1]	Amount		897
	ValidityDate <VldtyDt>	[0..1]	Date		897
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		897
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		898
	AccountType <AcctTp>	[0..1]	CodeSet		898
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			899
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		901
	Conversion <Convs>	[0..1]			901
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		902
	TargetCurrency <TrgtCcy>	[1..1]			903
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	903
	NumericCode <NmrcCd>	[1..1]	Text		903
	Decimal <Dcml>	[1..1]	Quantity		903

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		903
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		903
	ExchangeRate <XchgRate>	[1..1]	Rate		904
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		904
	QuotationDate <QtnDt>	[0..1]	DateTime		904
	ValidUntil <VldUntil>	[0..1]	DateTime		904
	SourceCurrency <SrcCcy>	[1..1]			904
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	904
	NumericCode <NmrcCd>	[0..1]	Text		905
	Decimal <Dcml>	[0..1]	Quantity		905
	Name <Nm>	[0..1]	Text		905
	OriginalAmount <OrgnlAmt>	[1..1]			905
	ActualAmount <ActlAmt>	[0..1]	Amount		905
	MinimumAmount <MinAmt>	[0..1]	Amount		905
	MaximumAmount <MaxAmt>	[0..1]	Amount		906
	CommissionDetails <ComssnDtls>	[0..*]			906
	Amount <Amt>	[1..1]	Amount		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	MarkUpDetails <MrkUpDtls>	[0..*]			906
	Rate <Rate>	[1..1]	Rate		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	DeclarationDetails <DclrtDtls>	[0..*]	±		907
	Instalment <Instlmt>	[0..*]	±		907
	AggregationTransaction <AggtTx>	[0..1]	±		908
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		909
	SaleItem <Saleitm>	[0..*]	±		909
	DeliveryLocation <DlvryLctn>	[0..1]	Text		910
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		910
	AdditionalInformation <AddtlInf>	[0..*]			910
	Identification <Id>	[1..1]	Text		911
	Value <Val>	[0..1]	Binary		911

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctcdVal>	[0..1]	±		911
	Type <Tp>	[0..1]	Text		911
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		911
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		912
	TransactionResponse <TxRspn>	[1..1]			912
	AuthorisationResult <AuthstnRslt>	[1..1]			915
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		915
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			915
	Response <Rspn>	[1..1]	CodeSet		916
	ResponseReason <RspnRsn>	[0..1]	Text		916
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		916
	AuthorisationCode <AuthstnCd>	[0..1]	Text		916
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		916
	TMSTrigger <TMSTrggr>	[0..1]			917
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		917
	TMSIdentification <TMSId>	[0..1]	Text		917
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		917
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			917
	Method <Mtd>	[1..1]	CodeSet		918
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		919
	Result <Rslt>	[0..1]	CodeSet		919
	AdditionalResult <AddtlRslt>	[0..1]	Text		919
	AllowedProductCode <AllwdPdctCd>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		921
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		921

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountLimit <AmtLmt>	[0..1]	Amount		921
	QuantityLimit <QtyLmt>	[0..1]	Quantity		921
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		921
	Balance <Bal>	[0..1]	±		923
	ProtectedBalance <PrctcdBal>	[0..1]	±		923
	Action <Actn>	[0..*]			924
	ActionType <ActnTp>	[1..1]	CodeSet		924
	MessageToPresent <MsgToPres>	[0..1]	±		925
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			925
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		926
	TargetCurrency <TrgtCcy>	[1..1]			927
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	927
	NumericCode <NmrcCd>	[1..1]	Text		927
	Decimal <Dcml>	[1..1]	Quantity		927
	Name <Nm>	[0..1]	Text		927
	ResultingAmount <RsltAmt>	[1..1]	Amount		928
	ExchangeRate <XchgRate>	[1..1]	Rate		928
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		928
	QuotationDate <QtnDt>	[0..1]	DateTime		928
	ValidUntil <VldUntil>	[0..1]	DateTime		928
	SourceCurrency <SrcCcy>	[1..1]			928
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	928
	NumericCode <NmrcCd>	[0..1]	Text		929
	Decimal <Dcml>	[0..1]	Quantity		929
	Name <Nm>	[0..1]	Text		929
	OriginalAmount <OrgnlAmt>	[1..1]			929
	ActualAmount <ActlAmt>	[0..1]	Amount		929
	MinimumAmount <MinAmt>	[0..1]	Amount		929
	MaximumAmount <MaxAmt>	[0..1]	Amount		930
	CommissionDetails <ComssnDtls>	[0..*]			930
	Amount <Amt>	[1..1]	Amount		930

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		930
	MarkUpDetails <MrkUpDtls>	[0..*]			930
	Rate <Rate>	[1..1]	Rate		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		931
	DeclarationDetails <DclrtDtls>	[0..*]	±		931

26.1.5.3.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1395

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
	TraceDateTimeln <TracDtTmln>	[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 card payment transaction.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment78](#)" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

26.1.5.3.4 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		893
	TransactionIdentification <TxId>	[1..1]	±		893
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		893
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		893
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		893
	InterchangeData <IntrchgData>	[0..1]	Text		893
	TransactionDetails <TxDtls>	[1..1]			893
	Currency <Ccy>	[0..1]	CodeSet	C1	895
	TotalAmount <TtlAmt>	[1..1]	Amount		896
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		896
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		896
	DetailedAmount <DtldAmt>	[0..1]	±		896
	RequestedAmount <ReqdAmt>	[0..1]	Amount		897
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		897
	InvoiceAmount <InvcAmt>	[0..1]	Amount		897
	ValidityDate <VldtyDt>	[0..1]	Date		897
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		897
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		898
	AccountType <AcctTp>	[0..1]	CodeSet		898
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			899
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		901
	Conversion <Convs>	[0..1]			901
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		902
	TargetCurrency <TrgtCcy>	[1..1]			903
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	903
	NumericCode <NmrcCd>	[1..1]	Text		903
	Decimal <Dcml>	[1..1]	Quantity		903
	Name <Nm>	[0..1]	Text		903
	ResultingAmount <RsltAmt>	[1..1]	Amount		903
	ExchangeRate <XchgRate>	[1..1]	Rate		904
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		904

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		904
	ValidUntil <VldUntil>	[0..1]	DateTime		904
	SourceCurrency <SrcCcy>	[1..1]			904
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	904
	NumericCode <NmrcCd>	[0..1]	Text		905
	Decimal <Dcml>	[0..1]	Quantity		905
	Name <Nm>	[0..1]	Text		905
	OriginalAmount <OrgnlAmt>	[1..1]			905
	ActualAmount <ActlAmt>	[0..1]	Amount		905
	MinimumAmount <MinAmt>	[0..1]	Amount		905
	MaximumAmount <MaxAmt>	[0..1]	Amount		906
	CommissionDetails <ComssnDtls>	[0..*]			906
	Amount <Amt>	[1..1]	Amount		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	MarkUpDetails <MrkUpDtls>	[0..*]			906
	Rate <Rate>	[1..1]	Rate		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	DeclarationDetails <DclrtDtls>	[0..*]	±		907
	Instalment <Instlmt>	[0..*]	±		907
	AggregationTransaction <AggtnTx>	[0..1]	±		908
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		909
	SaleItem <SaleItm>	[0..*]	±		909
	DeliveryLocation <DlvryLctn>	[0..1]	Text		910
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		910
	AdditionalInformation <AddtlInf>	[0..*]			910
	Identification <Id>	[1..1]	Text		911
	Value <Val>	[0..1]	Binary		911
	ProtectedValue <PrctdVal>	[0..1]	±		911
	Type <Tp>	[0..1]	Text		911
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		911
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		912

26.1.5.3.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.3.4.2 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

26.1.5.3.4.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.3.4.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1391

26.1.5.3.4.5 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 1393

26.1.5.3.4.6 InterchangeData <IntrchnngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

26.1.5.3.4.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	895
	TotalAmount <TtlAmt>	[1..1]	Amount		896
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		896
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		896
	DetailedAmount <DtldAmt>	[0..1]	±		896
	RequestedAmount <ReqdAmt>	[0..1]	Amount		897
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		897
	InvoiceAmount <InvcAmt>	[0..1]	Amount		897
	ValidityDate <VldtyDt>	[0..1]	Date		897
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		897
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		898
	AccountType <AcctTp>	[0..1]	CodeSet		898
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			899
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		901
	Conversion <Convs>	[0..1]			901
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		902
	TargetCurrency <TrgtCcy>	[1..1]			903
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	903
	NumericCode <NmrcCd>	[1..1]	Text		903
	Decimal <Dcml>	[1..1]	Quantity		903
	Name <Nm>	[0..1]	Text		903
	ResultingAmount <RsltgAmt>	[1..1]	Amount		903
	ExchangeRate <XchgRate>	[1..1]	Rate		904
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		904
	QuotationDate <QtnDt>	[0..1]	DateTime		904
	ValidUntil <VldUntil>	[0..1]	DateTime		904
	SourceCurrency <SrcCcy>	[1..1]			904
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	904
	NumericCode <NmrcCd>	[0..1]	Text		905
	Decimal <Dcml>	[0..1]	Quantity		905
	Name <Nm>	[0..1]	Text		905

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			905
	ActualAmount <ActlAmt>	[0..1]	Amount		905
	MinimumAmount <MinAmt>	[0..1]	Amount		905
	MaximumAmount <MaxAmt>	[0..1]	Amount		906
	CommissionDetails <ComssnDtls>	[0..*]			906
	Amount <Amt>	[1..1]	Amount		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	MarkUpDetails <MrkUpDtls>	[0..*]			906
	Rate <Rate>	[1..1]	Rate		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	DeclarationDetails <DclrtDtls>	[0..*]	±		907
	Instalment <Instlmt>	[0..*]	±		907
	AggregationTransaction <AggtTx>	[0..1]	±		908
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		909
	SaleItem <Saleitm>	[0..*]	±		909
	DeliveryLocation <DlvryLctn>	[0..1]	Text		910
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		910
	AdditionalInformation <AddtlInf>	[0..*]			910
	Identification <Id>	[1..1]	Text		911
	Value <Val>	[0..1]	Binary		911
	ProtectedValue <PrtctdVal>	[0..1]	±		911
	Type <Tp>	[0..1]	Text		911
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		911

26.1.5.3.4.7.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

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

26.1.5.3.4.7.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

26.1.5.3.4.7.5 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 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

26.1.5.3.4.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

26.1.5.3.4.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

26.1.5.3.4.7.11 UnattendedLevelCategory <UatnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

26.1.5.3.4.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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.

26.1.5.3.4.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		901
	Conversion <Convs>	[0..1]			901
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		902
	TargetCurrency <TrgtCcy>	[1..1]			903
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	903
	NumericCode <NmrcCd>	[1..1]	Text		903
	Decimal <Dcml>	[1..1]	Quantity		903
	Name <Nm>	[0..1]	Text		903
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		903
	ExchangeRate <XchgRate>	[1..1]	Rate		904
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		904
	QuotationDate <QtnDt>	[0..1]	DateTime		904
	ValidUntil <VldUntil>	[0..1]	DateTime		904
	SourceCurrency <SrcCcy>	[1..1]			904
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	904
	NumericCode <NmrcCd>	[0..1]	Text		905
	Decimal <Dcml>	[0..1]	Quantity		905
	Name <Nm>	[0..1]	Text		905
	OriginalAmount <OrgnlAmt>	[1..1]			905
	ActualAmount <ActlAmt>	[0..1]	Amount		905
	MinimumAmount <MinAmt>	[0..1]	Amount		905
	MaximumAmount <MaxAmt>	[0..1]	Amount		906
	CommissionDetails <ComssnDtls>	[0..*]			906
	Amount <Amt>	[1..1]	Amount		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	MarkUpDetails <MrkUpDtls>	[0..*]			906
	Rate <Rate>	[1..1]	Rate		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	DeclarationDetails <DclrtnDtls>	[0..*]	±		907

26.1.5.3.4.7.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

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

26.1.5.3.4.7.13.2 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 <CcyConvslId>	[0..1]	Text		902
	TargetCurrency <TrgtCcy>	[1..1]			903
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	903
	NumericCode <NmrcCd>	[1..1]	Text		903
	Decimal <Dcml>	[1..1]	Quantity		903
	Name <Nm>	[0..1]	Text		903
	ResultingAmount <RsltAmt>	[1..1]	Amount		903
	ExchangeRate <XchgRate>	[1..1]	Rate		904
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		904
	QuotationDate <QtnDt>	[0..1]	DateTime		904
	ValidUntil <VldUntil>	[0..1]	DateTime		904
	SourceCurrency <SrcCcy>	[1..1]			904
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	904
	NumericCode <NmrcCd>	[0..1]	Text		905
	Decimal <Dcml>	[0..1]	Quantity		905
	Name <Nm>	[0..1]	Text		905
	OriginalAmount <OrgnlAmt>	[1..1]			905
	ActualAmount <ActlAmt>	[0..1]	Amount		905
	MinimumAmount <MinAmt>	[0..1]	Amount		905
	MaximumAmount <MaxAmt>	[0..1]	Amount		906
	CommissionDetails <ComssnDtls>	[0..*]			906
	Amount <Amt>	[1..1]	Amount		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	MarkUpDetails <MrkUpDtls>	[0..*]			906
	Rate <Rate>	[1..1]	Rate		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906
	DeclarationDetails <DclrtDtls>	[0..*]	±		907

26.1.5.3.4.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.3.4.7.13.2.2 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	903
	NumericCode <NmrcCd>	[1..1]	Text		903
	Decimal <Dcml>	[1..1]	Quantity		903
	Name <Nm>	[0..1]	Text		903

26.1.5.3.4.7.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.5.3.4.7.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.3.4.7.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1389

26.1.5.3.4.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.3.4.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.13.2.4 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 1389

26.1.5.3.4.7.13.2.5 InvertedExchangeRate <NvtrdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

26.1.5.3.4.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1386

26.1.5.3.4.7.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

26.1.5.3.4.7.13.2.8 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	904
	NumericCode <NmrcCd>	[0..1]	Text		905
	Decimal <Dcml>	[0..1]	Quantity		905
	Name <Nm>	[0..1]	Text		905

26.1.5.3.4.7.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

• ActiveCurrency

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

26.1.5.3.4.7.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.3.4.7.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1389

26.1.5.3.4.7.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.3.4.7.13.2.9 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		905
	MinimumAmount <MinAmt>	[0..1]	Amount		905
	MaximumAmount <MaxAmt>	[0..1]	Amount		906

26.1.5.3.4.7.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.13.2.10 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		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906

26.1.5.3.4.7.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.4.7.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

26.1.5.3.4.7.13.2.11 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		906
	AdditionalInformation <AddtlInf>	[0..1]	Text		906

26.1.5.3.4.7.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1389

26.1.5.3.4.7.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

26.1.5.3.4.7.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.5.3.4.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

26.1.5.3.4.7.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "AggregationTransaction3" on page 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

26.1.5.3.4.7.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

26.1.5.3.4.7.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	SaleChannel <SaleChanl>	[0..1]	Text		1255
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1255

26.1.5.3.4.7.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.3.4.7.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

26.1.5.3.4.7.20 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		911
	Value <Val>	[0..1]	Binary		911
	ProtectedValue <PrctcdVal>	[0..1]	±		911
	Type <Tp>	[0..1]	Text		911

26.1.5.3.4.7.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1390

26.1.5.3.4.7.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1333

26.1.5.3.4.7.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

26.1.5.3.4.7.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1390

26.1.5.3.4.7.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

26.1.5.3.4.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "Max70Text" on page 1394

26.1.5.3.5 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]			915
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		915
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			915
	Response <Rspn>	[1..1]	CodeSet		916
	ResponseReason <RspnRsn>	[0..1]	Text		916
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		916
	AuthorisationCode <AuthstnCd>	[0..1]	Text		916
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		916
	TMSTrigger <TMSTrggr>	[0..1]			917
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		917
	TMSIdentification <TMSId>	[0..1]	Text		917
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		917
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			917
	Method <Mtd>	[1..1]	CodeSet		918
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		919
	Result <Rslt>	[0..1]	CodeSet		919
	AdditionalResult <AddtlRslt>	[0..1]	Text		919
	AllowedProductCode <AllwdPdctCd>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920
	AdditionalAvailableProduct <AddtlAvblPdct>	[0..*]			920
	ProductCode <PdctCd>	[1..1]	Text		921
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		921
	AmountLimit <AmtLmt>	[0..1]	Amount		921
	QuantityLimit <QtyLmt>	[0..1]	Quantity		921
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		921
	Balance <Bal>	[0..1]	±		923
	ProtectedBalance <PrctdBal>	[0..1]	±		923

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..*]			924
	ActionType <ActnTp>	[1..1]	CodeSet		924
	MessageToPresent <MsgToPres>	[0..1]	±		925
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			925
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		926
	TargetCurrency <TrgtCcy>	[1..1]			927
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	927
	NumericCode <NmrcCd>	[1..1]	Text		927
	Decimal <Dcml>	[1..1]	Quantity		927
	Name <Nm>	[0..1]	Text		927
	ResultingAmount <RsltgAmt>	[1..1]	Amount		928
	ExchangeRate <XchgRate>	[1..1]	Rate		928
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		928
	QuotationDate <QtnDt>	[0..1]	DateTime		928
	ValidUntil <VldUntil>	[0..1]	DateTime		928
	SourceCurrency <SrcCcy>	[1..1]			928
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	928
	NumericCode <NmrcCd>	[0..1]	Text		929
	Decimal <Dcml>	[0..1]	Quantity		929
	Name <Nm>	[0..1]	Text		929
	OriginalAmount <OrgnlAmt>	[1..1]			929
	ActualAmount <ActlAmt>	[0..1]	Amount		929
	MinimumAmount <MinAmt>	[0..1]	Amount		929
	MaximumAmount <MaxAmt>	[0..1]	Amount		930
	CommissionDetails <ComssnDtls>	[0..*]			930
	Amount <Amt>	[1..1]	Amount		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		930
	MarkUpDetails <MrkUpDtls>	[0..*]			930
	Rate <Rate>	[1..1]	Rate		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		931
	DeclarationDetails <DclrtnDtls>	[0..*]	±		931

26.1.5.3.5.1 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]	±		915
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			915
	Response <Rspn>	[1..1]	CodeSet		916
	ResponseReason <RspnRsn>	[0..1]	Text		916
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		916
	AuthorisationCode <AuthstnCd>	[0..1]	Text		916
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		916
	TMSTrigger <TMSTrggr>	[0..1]			917
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		917
	TMSIdentification <TMSId>	[0..1]	Text		917
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		917

26.1.5.3.5.1.1 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 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

26.1.5.3.5.1.2 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		916
	ResponseReason <RspnRsn>	[0..1]	Text		916
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		916

26.1.5.3.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1377

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

26.1.5.3.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

26.1.5.3.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

26.1.5.3.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

26.1.5.3.5.1.4 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 1388):

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

26.1.5.3.5.1.5 TMSTrigger <TMSTrgr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		917
	TMSIdentification <TMSId>	[0..1]	Text		917
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		917

26.1.5.3.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1381

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.

26.1.5.3.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.3.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

26.1.5.3.5.2 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

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

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		918
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		919
	Result <RsIt>	[0..1]	CodeSet		919
	AdditionalResult <AddtlRsIt>	[0..1]	Text		919

26.1.5.3.5.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1345

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.

26.1.5.3.5.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1345

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.

26.1.5.3.5.2.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1386

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.

26.1.5.3.5.2.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1394

26.1.5.3.5.3 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		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920

26.1.5.3.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1394

26.1.5.3.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

26.1.5.3.5.4 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		920
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		920

26.1.5.3.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1394

26.1.5.3.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

26.1.5.3.5.5 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		921
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		921
	AmountLimit <AmtLmt>	[0..1]	Amount		921
	QuantityLimit <QtyLmt>	[0..1]	Quantity		921
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		921

26.1.5.3.5.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1394

26.1.5.3.5.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

26.1.5.3.5.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.5.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1388

26.1.5.3.5.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1384

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.

26.1.5.3.5.6 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 852 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		852
	Currency <Ccy>	[1..1]	CodeSet	C1	852
	Sign <Sgn>	[0..1]	Indicator		853

26.1.5.3.5.7 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType32](#)" on page 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

26.1.5.3.5.8 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		924
	MessageToPresent <MsgToPres>	[0..1]	±		925

26.1.5.3.5.8.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType12Code" on page 1335

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

CodeName	Name	Definition
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.

26.1.5.3.5.8.2 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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrCdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrCdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.5.3.5.9 CurrencyConversionEligibility <CcyConvseElgblty>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		926
	TargetCurrency <TrgtCcy>	[1..1]			927
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	927
	NumericCode <NmrcCd>	[1..1]	Text		927
	Decimal <Dcml>	[1..1]	Quantity		927
	Name <Nm>	[0..1]	Text		927
	ResultingAmount <RsltgAmt>	[1..1]	Amount		928
	ExchangeRate <XchgRate>	[1..1]	Rate		928
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		928
	QuotationDate <QtnDt>	[0..1]	DateTime		928
	ValidUntil <VldUntil>	[0..1]	DateTime		928
	SourceCurrency <SrcCcy>	[1..1]			928
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	928
	NumericCode <NmrcCd>	[0..1]	Text		929
	Decimal <Dcml>	[0..1]	Quantity		929
	Name <Nm>	[0..1]	Text		929
	OriginalAmount <OrgnlAmt>	[1..1]			929
	ActualAmount <ActlAmt>	[0..1]	Amount		929
	MinimumAmount <MinAmt>	[0..1]	Amount		929
	MaximumAmount <MaxAmt>	[0..1]	Amount		930
	CommissionDetails <ComssnDtls>	[0..*]			930
	Amount <Amt>	[1..1]	Amount		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		930
	MarkUpDetails <MrkUpDtls>	[0..*]			930
	Rate <Rate>	[1..1]	Rate		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		931
	DeclarationDetails <DclrtDtls>	[0..*]	±		931

26.1.5.3.5.9.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.3.5.9.2 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	927
	NumericCode <NmrcCd>	[1..1]	Text		927
	Decimal <Dcml>	[1..1]	Quantity		927
	Name <Nm>	[0..1]	Text		927

26.1.5.3.5.9.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.5.3.5.9.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.3.5.9.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1389

26.1.5.3.5.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.3.5.9.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.5.9.4 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 1389

26.1.5.3.5.9.5 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 1389

26.1.5.3.5.9.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1386

26.1.5.3.5.9.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

26.1.5.3.5.9.8 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	928
	NumericCode <NmrcCd>	[0..1]	Text		929
	Decimal <Dcml>	[0..1]	Quantity		929
	Name <Nm>	[0..1]	Text		929

26.1.5.3.5.9.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.5.3.5.9.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.3.5.9.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1389

26.1.5.3.5.9.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.3.5.9.9 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		929
	MinimumAmount <MinAmt>	[0..1]	Amount		929
	MaximumAmount <MaxAmt>	[0..1]	Amount		930

26.1.5.3.5.9.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.5.9.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.5.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.5.9.10 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		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		930

26.1.5.3.5.9.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.3.5.9.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

26.1.5.3.5.9.11 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		930
	AdditionalInformation <AddtlInf>	[0..1]	Text		931

26.1.5.3.5.9.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1389

26.1.5.3.5.9.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

26.1.5.3.5.9.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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		935
	Traceability <Tracblt>	[0..*]	±		935
	Environment <Envt>	[1..1]	±		936
	Context <Cntxt>	[0..1]	±		942
	Transaction <Tx>	[1..1]			945
	TransactionCapture <TxCaptr>	[1..1]	Indicator		949
	TransactionType <TxTp>	[0..1]	CodeSet		949
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		950
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		951
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		951
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		951
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		952
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		952
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		952
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		952
	TransactionIdentification <TxId>	[1..1]	±		952
	OriginalTransaction <OrgnlTx>	[0..1]	±		952
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		953
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		953
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		953
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		954
	TransactionDetails <TxDtls>	[1..1]			954
	Currency <Ccy>	[0..1]	CodeSet	C1	956
	TotalAmount <TtlAmt>	[1..1]	Amount		957
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		957
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		957
	DetailedAmount <DtldAmt>	[0..1]	±		957
	RequestedAmount <ReqdAmt>	[0..1]	Amount		958
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		958
	InvoiceAmount <InvcAmt>	[0..1]	Amount		958
	ValidityDate <VldtyDt>	[0..1]	Date		958

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		958
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		959
	AccountType <AcctTp>	[0..1]	CodeSet		959
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			960
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		962
	Conversion <Convs>	[0..1]			962
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		963
	TargetCurrency <TrgtCcy>	[1..1]			964
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	964
	NumericCode <NmrcCd>	[1..1]	Text		964
	Decimal <Dcml>	[1..1]	Quantity		964
	Name <Nm>	[0..1]	Text		964
	ResultingAmount <RsltAmt>	[1..1]	Amount		964
	ExchangeRate <XchgRate>	[1..1]	Rate		965
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		965
	QuotationDate <QtnDt>	[0..1]	DateTime		965
	ValidUntil <VldUntil>	[0..1]	DateTime		965
	SourceCurrency <SrcCcy>	[1..1]			965
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	965
	NumericCode <NmrcCd>	[0..1]	Text		966
	Decimal <Dcml>	[0..1]	Quantity		966
	Name <Nm>	[0..1]	Text		966
	OriginalAmount <OrgnlAmt>	[1..1]			966
	ActualAmount <ActlAmt>	[0..1]	Amount		966
	MinimumAmount <MinAmt>	[0..1]	Amount		966
	MaximumAmount <MaxAmt>	[0..1]	Amount		967
	CommissionDetails <ComssnDtls>	[0..*]			967
	Amount <Amt>	[1..1]	Amount		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	MarkupDetails <MrkUpDtls>	[0..*]			967
	Rate <Rate>	[1..1]	Rate		967

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	DeclarationDetails <DclrtnDtls>	[0..*]	±		968
	Instalment <Instlmt>	[0..*]	±		968
	AggregationTransaction <AggtnTx>	[0..1]	±		969
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		970
	SaleItem <Saleitm>	[0..*]	±		970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		971
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		971
	AdditionalInformation <AddtlInf>	[0..*]			971
	Identification <Id>	[1..1]	Text		972
	Value <Val>	[0..1]	Binary		972
	ProtectedValue <PrctdVal>	[0..1]	±		972
	Type <Tp>	[0..1]	Text		972
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		972
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		973
	AccountFrom <AcctFr>	[0..1]			973
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		973
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		974
	AccountName <AcctNm>	[0..1]	Text		975
	AccountOwner <AcctOwnr>	[0..1]			975
	Name <Nm>	[1..1]	Text		975
	Address <Adr>	[1..1]	±		975
	Currency <Ccy>	[0..1]	CodeSet	C1	976
	AccountIdentifier <Acctldr>	[0..1]			976
{Or	Card <Card>	[1..1]	Text		977
Or	MSISDN <MSISDN>	[1..1]	Text		977
Or	EMail <EMail>	[1..1]	Text		977
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	977
Or	BBAN <BBAN>	[1..1]	IdentifierSet		978
Or	UPIC <UPIC>	[1..1]	IdentifierSet		978
Or	Domestic <Dmst>	[1..1]	Text		978

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	Other <Othr>	[1..1]	Text		978
	Servicer <Svcr>	[0..1]			978
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	978
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		979
	AccountTo <AcctTo>	[0..1]			979
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		980
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		981
	AccountName <AcctNm>	[0..1]	Text		981
	AccountOwner <AcctOwnr>	[0..1]			982
	Name <Nm>	[1..1]	Text		982
	Address <Adr>	[1..1]	±		982
	Currency <Ccy>	[0..1]	CodeSet	C1	982
	AccountIdentifier <AcctIdr>	[0..1]			983
{Or	Card <Card>	[1..1]	Text		983
Or	MSISDN <MSISDN>	[1..1]	Text		983
Or	EMail <EMail>	[1..1]	Text		983
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	983
Or	BBAN <BBAN>	[1..1]	IdentifierSet		984
Or	UPIC <UPIC>	[1..1]	IdentifierSet		984
Or	Domestic <Dmst>	[1..1]	Text		984
Or}	Other <Othr>	[1..1]	Text		984
	Servicer <Svcr>	[0..1]			984
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	985
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		985
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		985

26.1.5.4.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1395

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 <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
	TraceDateTimeln <TracDtTmln>	[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 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScsSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

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		949
	TransactionType <TxTp>	[0..1]	CodeSet		949
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		950
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		951
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		951
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		951
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		952
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		952
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		952
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		952
	TransactionIdentification <TxId>	[1..1]	±		952
	OriginalTransaction <OrgnlTx>	[0..1]	±		952
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		953
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		953
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		953
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		954
	TransactionDetails <TxDtls>	[1..1]			954
	Currency <Ccy>	[0..1]	CodeSet	C1	956
	TotalAmount <TtlAmt>	[1..1]	Amount		957
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		957
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		957
	DetailedAmount <DtldAmt>	[0..1]	±		957
	RequestedAmount <ReqdAmt>	[0..1]	Amount		958
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		958
	InvoiceAmount <InvcAmt>	[0..1]	Amount		958
	ValidityDate <VldtyDt>	[0..1]	Date		958
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		958
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		959
	AccountType <AcctTp>	[0..1]	CodeSet		959
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			960
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		962

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Convs>	[0..1]			962
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		963
	TargetCurrency <TrgtCcy>	[1..1]			964
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	964
	NumericCode <NmrcCd>	[1..1]	Text		964
	Decimal <Dcml>	[1..1]	Quantity		964
	Name <Nm>	[0..1]	Text		964
	ResultingAmount <RsltAmt>	[1..1]	Amount		964
	ExchangeRate <XchgRate>	[1..1]	Rate		965
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		965
	QuotationDate <QtnDt>	[0..1]	DateTime		965
	ValidUntil <VldUntil>	[0..1]	DateTime		965
	SourceCurrency <SrcCcy>	[1..1]			965
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	965
	NumericCode <NmrcCd>	[0..1]	Text		966
	Decimal <Dcml>	[0..1]	Quantity		966
	Name <Nm>	[0..1]	Text		966
	OriginalAmount <OrgnlAmt>	[1..1]			966
	ActualAmount <ActlAmt>	[0..1]	Amount		966
	MinimumAmount <MinAmt>	[0..1]	Amount		966
	MaximumAmount <MaxAmt>	[0..1]	Amount		967
	CommissionDetails <ComssnDtls>	[0..*]			967
	Amount <Amt>	[1..1]	Amount		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	MarkUpDetails <MrkUpDtls>	[0..*]			967
	Rate <Rate>	[1..1]	Rate		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	DeclarationDetails <DclrtDtls>	[0..*]	±		968
	Instalment <Instlmt>	[0..*]	±		968
	AggregationTransaction <AggtnTx>	[0..1]	±		969
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		970

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		971
	AdditionalInformation <AddtlInf>	[0..*]			971
	Identification <Id>	[1..1]	Text		972
	Value <Val>	[0..1]	Binary		972
	ProtectedValue <PrctcdVal>	[0..1]	±		972
	Type <Tp>	[0..1]	Text		972
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		972
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		973
	AccountFrom <AcctFr>	[0..1]			973
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		973
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		974
	AccountName <AcctNm>	[0..1]	Text		975
	AccountOwner <AcctOwnr>	[0..1]			975
	Name <Nm>	[1..1]	Text		975
	Address <Adr>	[1..1]	±		975
	Currency <Ccy>	[0..1]	CodeSet	C1	976
	AccountIdentifier <Acctldr>	[0..1]			976
{Or	Card <Card>	[1..1]	Text		977
Or	MSISDN <MSISDN>	[1..1]	Text		977
Or	EMail <EMail>	[1..1]	Text		977
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	977
Or	BBAN <BBAN>	[1..1]	IdentifierSet		978
Or	UPIC <UPIC>	[1..1]	IdentifierSet		978
Or	Domestic <Dmst>	[1..1]	Text		978
Or}	Other <Othr>	[1..1]	Text		978
	Servicer <Svcr>	[0..1]			978
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	978
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		979
	AccountTo <AcctTo>	[0..1]			979

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		980
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		981
	AccountName <AcctNm>	[0..1]	Text		981
	AccountOwner <AcctOwnr>	[0..1]			982
	Name <Nm>	[1..1]	Text		982
	Address <Adr>	[1..1]	±		982
	Currency <Ccy>	[0..1]	CodeSet	C1	982
	AccountIdentifier <AcctIdr>	[0..1]			983
{Or	Card <Card>	[1..1]	Text		983
Or	MSISDN <MSISDN>	[1..1]	Text		983
Or	EMail <EMail>	[1..1]	Text		983
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	983
Or	BBAN <BBAN>	[1..1]	IdentifierSet		984
Or	UPIC <UPIC>	[1..1]	IdentifierSet		984
Or	Domestic <Dmst>	[1..1]	Text		984
Or}	Other <Othr>	[1..1]	Text		984
	Servicer <Svcr>	[0..1]			984
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	985
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		985
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		985

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 1388):

- *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 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.
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 1354

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 1353

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 1388):

- *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 1396

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 1388):

- *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 1393

26.1.5.4.5.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: ["Max35Text"](#) on page 1393

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 1393

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 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

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 1393

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 1393

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 1391

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 1391

26.1.5.4.5.17 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	956
	TotalAmount <TtlAmt>	[1..1]	Amount		957
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		957
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		957
	DetailedAmount <DtldAmt>	[0..1]	±		957
	RequestedAmount <ReqdAmt>	[0..1]	Amount		958
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		958
	InvoiceAmount <InvcAmt>	[0..1]	Amount		958
	ValidityDate <VldtyDt>	[0..1]	Date		958
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		958
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		959
	AccountType <AcctTp>	[0..1]	CodeSet		959
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			960
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		962
	Conversion <Convs>	[0..1]			962
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		963
	TargetCurrency <TrgtCcy>	[1..1]			964
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	964
	NumericCode <NmrcCd>	[1..1]	Text		964
	Decimal <Dcml>	[1..1]	Quantity		964
	Name <Nm>	[0..1]	Text		964
	ResultingAmount <RsltgAmt>	[1..1]	Amount		964
	ExchangeRate <XchgRate>	[1..1]	Rate		965
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		965
	QuotationDate <QtnDt>	[0..1]	DateTime		965
	ValidUntil <VldUntil>	[0..1]	DateTime		965
	SourceCurrency <SrcCcy>	[1..1]			965
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	965
	NumericCode <NmrcCd>	[0..1]	Text		966
	Decimal <Dcml>	[0..1]	Quantity		966
	Name <Nm>	[0..1]	Text		966

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			966
	ActualAmount <ActlAmt>	[0..1]	Amount		966
	MinimumAmount <MinAmt>	[0..1]	Amount		966
	MaximumAmount <MaxAmt>	[0..1]	Amount		967
	CommissionDetails <ComssnDtls>	[0..*]			967
	Amount <Amt>	[1..1]	Amount		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	MarkUpDetails <MrkUpDtls>	[0..*]			967
	Rate <Rate>	[1..1]	Rate		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	DeclarationDetails <DclrtDtls>	[0..*]	±		968
	Instalment <Instlmt>	[0..*]	±		968
	AggregationTransaction <AggtTx>	[0..1]	±		969
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		970
	SaleItem <Saleitm>	[0..*]	±		970
	DeliveryLocation <DlvryLctn>	[0..1]	Text		971
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		971
	AdditionalInformation <AddtlInf>	[0..*]			971
	Identification <Id>	[1..1]	Text		972
	Value <Val>	[0..1]	Binary		972
	ProtectedValue <PrtctdVal>	[0..1]	±		972
	Type <Tp>	[0..1]	Text		972
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		972

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

26.1.5.4.5.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

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 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

26.1.5.4.5.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.4.5.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.4.5.17.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1386

26.1.5.4.5.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

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 1393

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 1349

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

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

26.1.5.4.5.17.13 CurrencyConversionResult <CcyConvRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		962
	Conversion <Convs>	[0..1]			962
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		963
	TargetCurrency <TrgtCcy>	[1..1]			964
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	964
	NumericCode <NmrcCd>	[1..1]	Text		964
	Decimal <Dcml>	[1..1]	Quantity		964
	Name <Nm>	[0..1]	Text		964
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		964
	ExchangeRate <XchgRate>	[1..1]	Rate		965
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		965
	QuotationDate <QtnDt>	[0..1]	DateTime		965
	ValidUntil <VldUntil>	[0..1]	DateTime		965
	SourceCurrency <SrcCcy>	[1..1]			965
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	965
	NumericCode <NmrcCd>	[0..1]	Text		966
	Decimal <Dcml>	[0..1]	Quantity		966
	Name <Nm>	[0..1]	Text		966
	OriginalAmount <OrgnlAmt>	[1..1]			966
	ActualAmount <ActlAmt>	[0..1]	Amount		966
	MinimumAmount <MinAmt>	[0..1]	Amount		966
	MaximumAmount <MaxAmt>	[0..1]	Amount		967
	CommissionDetails <ComssnDtls>	[0..*]			967
	Amount <Amt>	[1..1]	Amount		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	MarkUpDetails <MrkUpDtls>	[0..*]			967
	Rate <Rate>	[1..1]	Rate		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	DeclarationDetails <DclrtnDtls>	[0..*]	±		968

26.1.5.4.5.17.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

- *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 <CcyConvslId>	[0..1]	Text		963
	TargetCurrency <TrgtCcy>	[1..1]			964
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	964
	NumericCode <NmrcCd>	[1..1]	Text		964
	Decimal <Dcml>	[1..1]	Quantity		964
	Name <Nm>	[0..1]	Text		964
	ResultingAmount <RsltAmt>	[1..1]	Amount		964
	ExchangeRate <XchgRate>	[1..1]	Rate		965
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		965
	QuotationDate <QtnDt>	[0..1]	DateTime		965
	ValidUntil <VldUntil>	[0..1]	DateTime		965
	SourceCurrency <SrcCcy>	[1..1]			965
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	965
	NumericCode <NmrcCd>	[0..1]	Text		966
	Decimal <Dcml>	[0..1]	Quantity		966
	Name <Nm>	[0..1]	Text		966
	OriginalAmount <OrgnlAmt>	[1..1]			966
	ActualAmount <ActlAmt>	[0..1]	Amount		966
	MinimumAmount <MinAmt>	[0..1]	Amount		966
	MaximumAmount <MaxAmt>	[0..1]	Amount		967
	CommissionDetails <ComssnDtls>	[0..*]			967
	Amount <Amt>	[1..1]	Amount		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	MarkUpDetails <MrkUpDtls>	[0..*]			967
	Rate <Rate>	[1..1]	Rate		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967
	DeclarationDetails <DclrtDtls>	[0..*]	±		968

26.1.5.4.5.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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	964
	NumericCode <NmrcCd>	[1..1]	Text		964
	Decimal <Dcml>	[1..1]	Quantity		964
	Name <Nm>	[0..1]	Text		964

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

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 1393

26.1.5.4.5.17.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1389

26.1.5.4.5.17.13.2.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

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 1386

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 1386

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	965
	NumericCode <NmrcCd>	[0..1]	Text		966
	Decimal <Dcml>	[0..1]	Quantity		966
	Name <Nm>	[0..1]	Text		966

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 1336

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1390

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 1389

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 1393

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		966
	MinimumAmount <MinAmt>	[0..1]	Amount		966
	MaximumAmount <MaxAmt>	[0..1]	Amount		967

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 1332

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 1332

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 1332

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		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967

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 1332

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 1392

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		967
	AdditionalInformation <AddtlInf>	[0..1]	Text		967

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 1389

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 1392

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 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

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 <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

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 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

26.1.5.4.5.17.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

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 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	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 1393

26.1.5.4.5.17.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

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		972
	Value <Val>	[0..1]	Binary		972
	ProtectedValue <PrctcdVal>	[0..1]	±		972
	Type <Tp>	[0..1]	Text		972

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 1390

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 1333

26.1.5.4.5.17.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

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 1333

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 1394

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		973
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		974
	AccountName <AcctNm>	[0..1]	Text		975
	AccountOwner <AcctOwnr>	[0..1]			975
	Name <Nm>	[1..1]	Text		975
	Address <Adr>	[1..1]	±		975
	Currency <Ccy>	[0..1]	CodeSet	C1	976
	AccountIdentifier <AcctIdr>	[0..1]			976
{Or	Card <Card>	[1..1]	Text		977
Or	MSISDN <MSISDN>	[1..1]	Text		977
Or	EMail <EMail>	[1..1]	Text		977
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	977
Or	BBAN <BBAN>	[1..1]	IdentifierSet		978
Or	UPIC <UPIC>	[1..1]	IdentifierSet		978
Or	Domestic <Dmst>	[1..1]	Text		978
Or}	Other <Othr>	[1..1]	Text		978
	Servicer <Svcr>	[0..1]			978
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	978
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		979

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 1335

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 1349

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 1394

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		975
	Address <Adr>	[1..1]	±		975

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 1394

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	C3	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 1336

Constraints

- **ActiveCurrency**

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

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		977
Or	MSISDN <MSISDN>	[1..1]	Text		977
Or	EMail <EMail>	[1..1]	Text		977
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	977
Or	BBAN <BBAN>	[1..1]	IdentifierSet		978
Or	UPIC <UPIC>	[1..1]	IdentifierSet		978
Or	Domestic <Dmst>	[1..1]	Text		978
Or}	Other <Othr>	[1..1]	Text		978

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 1396

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 1391

26.1.5.4.5.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

26.1.5.4.5.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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	978
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		979

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

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		980
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		981
	AccountName <AcctNm>	[0..1]	Text		981
	AccountOwner <AcctOwnr>	[0..1]			982
	Name <Nm>	[1..1]	Text		982
	Address <Adr>	[1..1]	±		982
	Currency <Ccy>	[0..1]	CodeSet	C1	982
	AccountIdentifier <AcctIdr>	[0..1]			983
{Or	Card <Card>	[1..1]	Text		983
Or	MSISDN <MSISDN>	[1..1]	Text		983
Or	EMail <EMail>	[1..1]	Text		983
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	983
Or	BBAN <BBAN>	[1..1]	IdentifierSet		984
Or	UPIC <UPIC>	[1..1]	IdentifierSet		984
Or	Domestic <Dmst>	[1..1]	Text		984
Or}	Other <Othr>	[1..1]	Text		984
	Servicer <Svcr>	[0..1]			984
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	985
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		985

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 1335

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 1349

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 1394

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		982
	Address <Adr>	[1..1]	±		982

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 1394

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	C3	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 1336

Constraints

• ActiveCurrency

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

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		983
Or	MSISDN <MSISDN>	[1..1]	Text		983
Or	EMail <EMail>	[1..1]	Text		983
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	983
Or	BBAN <BBAN>	[1..1]	IdentifierSet		984
Or	UPIC <UPIC>	[1..1]	IdentifierSet		984
Or	Domestic <Dmst>	[1..1]	Text		984
Or}	Other <Othr>	[1..1]	Text		984

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 1396

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 1391

26.1.5.4.5.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

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 1387

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 1387

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 1388

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 1393

26.1.5.4.5.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

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	985
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		985

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 1387

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 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

26.1.5.4.5.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

26.1.5.5 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		990
	Traceability <Tracblt>	[0..*]	±		990
	Environment <Envt>	[1..1]	±		990
	Context <Cntxt>	[0..1]	±		996
	Transaction <Tx>	[1..1]			999
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1004
	TransactionType <TxTp>	[0..1]	CodeSet		1004
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1005
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1005
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1006
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1006
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1006
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1006
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1006
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1007
	TransactionIdentification <TxId>	[1..1]	±		1007
	OriginalTransaction <OrgnlTx>	[0..1]	±		1007
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1008
	Reversal <Rvsl>	[0..1]	Indicator		1008
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1009
	FailureReason <FailrRsn>	[0..*]	CodeSet		1009
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1009
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1010
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1010
	InterchangeData <IntrchgData>	[0..1]	Text		1010
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1010
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1010
	TransactionDetails <TxDtls>	[1..1]			1010
	Currency <Ccy>	[0..1]	CodeSet	C1	1012
	TotalAmount <TtlAmt>	[1..1]	Amount		1013
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1013

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1013
	DetailedAmount <DtldAmt>	[0..1]	±		1013
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1014
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1014
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1014
	ValidityDate <VldtyDt>	[0..1]	Date		1014
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1014
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1015
	AccountType <AcctTp>	[0..1]	CodeSet		1015
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1016
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1018
	Conversion <Convs>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1019
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1020
	ResultingAmount <RsltAmt>	[1..1]	Amount		1020
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1021
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	OriginalAmount <OrgnlAmt>	[1..1]			1022
	ActualAmount <ActlAmt>	[0..1]	Amount		1022
	MinimumAmount <MinAmt>	[0..1]	Amount		1022

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1023
	Amount <Amt>	[1..1]	Amount		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	MarkUpDetails <MrkUpDtls>	[0..*]			1023
	Rate <Rate>	[1..1]	Rate		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1024
	Instalment <Instlmt>	[0..*]	±		1024
	AggregationTransaction <AggtnTx>	[0..1]	±		1025
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1026
	SaleItem <Saleitm>	[0..*]	±		1026
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1027
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1027
	AdditionalInformation <AddtlInf>	[0..*]			1027
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrctcdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1028
	AuthorisationResult <AuthstnRslt>	[0..1]			1029
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1029
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1029
	Response <Rspn>	[1..1]	CodeSet		1030
	ResponseReason <RspnRsn>	[0..1]	Text		1030
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1030
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1030
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1030
	Method <Mtd>	[1..1]	CodeSet		1031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1031
	Result <Rslt>	[0..1]	CodeSet		1032

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResult <AddtlRslt>	[0..1]	Text		1032
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1032
	AccountFrom <AcctFr>	[0..1]			1032
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1033
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1034
	AccountName <AcctNm>	[0..1]	Text		1034
	AccountOwner <AcctOwnr>	[0..1]			1035
	Name <Nm>	[1..1]	Text		1035
	Address <Adr>	[1..1]	±		1035
	Currency <Ccy>	[0..1]	CodeSet	C1	1035
	AccountIdentifier <Acctldr>	[0..1]			1036
{Or	Card <Card>	[1..1]	Text		1036
Or	MSISDN <MSISDN>	[1..1]	Text		1036
Or	EMail <EMail>	[1..1]	Text		1036
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1036
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1037
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1037
Or	Domestic <Dmst>	[1..1]	Text		1037
Or}	Other <Othr>	[1..1]	Text		1037
	Servicer <Svcr>	[0..1]			1037
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1038
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1038
	AccountTo <AcctTo>	[0..1]			1038
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1039
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1040
	AccountName <AcctNm>	[0..1]	Text		1040
	AccountOwner <AcctOwnr>	[0..1]			1041
	Name <Nm>	[1..1]	Text		1041
	Address <Adr>	[1..1]	±		1041
	Currency <Ccy>	[0..1]	CodeSet	C1	1041
	AccountIdentifier <Acctldr>	[0..1]			1042

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1042
Or	MSISDN <MSISDN>	[1..1]	Text		1042
Or	EMail <EMail>	[1..1]	Text		1042
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1042
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1043
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1043
Or	Domestic <Dmst>	[1..1]	Text		1043
Or}	Other <Othr>	[1..1]	Text		1043
	Servicer <Svcr>	[0..1]			1043
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1044
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1044
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1044

26.1.5.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 1395

26.1.5.5.2 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 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

26.1.5.5.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction in a transaction captured in batch.

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment78](#)" on page 1142 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crdhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedAuthenticationValue <PrtctdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleEnvironment <SaleEnv>	[0..1]			1195
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

26.1.5.5.4 Context <Cntxt>

Presence: [0..1]

Definition: Data related to the context of the transaction.

Context <Cntxt> contains the following elements (see "CardPaymentContext29" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrdrHldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

26.1.5.5.5 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		1004
	TransactionType <TxTp>	[0..1]	CodeSet		1004
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1005
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1005
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1006
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1006
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1006
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1006
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1006
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1007
	TransactionIdentification <TxId>	[1..1]	±		1007
	OriginalTransaction <OrgnlTx>	[0..1]	±		1007
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1008
	Reversal <Rvs/>	[0..1]	Indicator		1008
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		1009
	FailureReason <FailrRsn>	[0..*]	CodeSet		1009
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1009
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1010
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1010
	InterchangeData <IntrchgData>	[0..1]	Text		1010
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1010
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1010
	TransactionDetails <TxDtls>	[1..1]			1010
	Currency <Ccy>	[0..1]	CodeSet	C1	1012
	TotalAmount <TtlAmt>	[1..1]	Amount		1013
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1013
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1013
	DetailedAmount <DtldAmt>	[0..1]	±		1013
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1014
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1014
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1014

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1014
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1014
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1015
	AccountType <AcctTp>	[0..1]	CodeSet		1015
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1016
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1018
	Conversion <Convs>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1019
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1020
	ResultingAmount <RsltAmt>	[1..1]	Amount		1020
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1021
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	OriginalAmount <OrgnlAmt>	[1..1]			1022
	ActualAmount <ActlAmt>	[0..1]	Amount		1022
	MinimumAmount <MinAmt>	[0..1]	Amount		1022
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1023
	Amount <Amt>	[1..1]	Amount		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	MarkUpDetails <MrkUpDtls>	[0..*]			1023

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1024
	Instalment <Instlmt>	[0..*]	±		1024
	AggregationTransaction <AggtnTx>	[0..1]	±		1025
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1026
	SaleItem <Saleitm>	[0..*]	±		1026
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1027
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1027
	AdditionalInformation <AddtlInf>	[0..*]			1027
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrctcdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1028
	AuthorisationResult <AuthstnRslt>	[0..1]			1029
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1029
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1029
	Response <Rspn>	[1..1]	CodeSet		1030
	ResponseReason <RspnRsn>	[0..1]	Text		1030
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1030
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1030
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1030
	Method <Mtd>	[1..1]	CodeSet		1031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1031
	Result <Rslt>	[0..1]	CodeSet		1032
	AdditionalResult <AddtlRslt>	[0..1]	Text		1032
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1032
	AccountFrom <AcctFr>	[0..1]			1032
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1033
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1034

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1034
	AccountOwner <AcctOwnr>	[0..1]			1035
	Name <Nm>	[1..1]	Text		1035
	Address <Adr>	[1..1]	±		1035
	Currency <Ccy>	[0..1]	CodeSet	C1	1035
	AccountIdentifier <AcctIdr>	[0..1]			1036
{Or	Card <Card>	[1..1]	Text		1036
Or	MSISDN <MSISDN>	[1..1]	Text		1036
Or	EMail <EMail>	[1..1]	Text		1036
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1036
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1037
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1037
Or	Domestic <Dmst>	[1..1]	Text		1037
Or}	Other <Othr>	[1..1]	Text		1037
	Servicer <Svcr>	[0..1]			1037
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1038
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1038
	AccountTo <AcctTo>	[0..1]			1038
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1039
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1040
	AccountName <AcctNm>	[0..1]	Text		1040
	AccountOwner <AcctOwnr>	[0..1]			1041
	Name <Nm>	[1..1]	Text		1041
	Address <Adr>	[1..1]	±		1041
	Currency <Ccy>	[0..1]	CodeSet	C1	1041
	AccountIdentifier <AcctIdr>	[0..1]			1042
{Or	Card <Card>	[1..1]	Text		1042
Or	MSISDN <MSISDN>	[1..1]	Text		1042
Or	EMail <EMail>	[1..1]	Text		1042
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1042
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1043

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1043
Or	Domestic <Dmst>	[1..1]	Text		1043
Or}	Other <Othr>	[1..1]	Text		1043
	Servicer <Svcr>	[0..1]			1043
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1044
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1044
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1044

26.1.5.5.5.1 TransactionCapture <TxCaptr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.5.5.5.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" 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.

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.

26.1.5.5.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1354

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.

26.1.5.5.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1353

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.

26.1.5.5.5.5 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 1388](#)):

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

26.1.5.5.5.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

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

Datatype: ["Min3Max4Text" on page 1396](#)

26.1.5.5.5.7 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 1388](#)):

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

26.1.5.5.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: ["Max35Text" on page 1393](#)

26.1.5.5.5.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.5.11 TransactionIdentification <TxId>

Presence: [1..1]

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

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

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

26.1.5.5.5.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction122](#)" on page 1084 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

26.1.5.5.13 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1388):

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

26.1.5.5.14 Reversal <Rvsl>

Presence: [0..1]

Definition: Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1388):

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

26.1.5.5.15 MerchantOverride <MrchntOvrrd>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.5.5.16 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 1359

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.

26.1.5.5.17 InitiatorTransactionIdentification <InitrTxld>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.5.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1391

26.1.5.5.5.19 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.5.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 1391

26.1.5.5.5.21 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1391

26.1.5.5.5.22 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1391

26.1.5.5.5.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1012
	TotalAmount <TtlAmt>	[1..1]	Amount		1013
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1013
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1013
	DetailedAmount <DtldAmt>	[0..1]	±		1013
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1014
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1014
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1014
	ValidityDate <VldtyDt>	[0..1]	Date		1014
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1014
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1015
	AccountType <AcctTp>	[0..1]	CodeSet		1015
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1016
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1018
	Conversion <Convs>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1019
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1020
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1020
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1021
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			1022
	ActualAmount <ActlAmt>	[0..1]	Amount		1022
	MinimumAmount <MinAmt>	[0..1]	Amount		1022
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1023
	Amount <Amt>	[1..1]	Amount		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	MarkUpDetails <MrkUpDtls>	[0..*]			1023
	Rate <Rate>	[1..1]	Rate		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	DeclarationDetails <DclrtDtls>	[0..*]	±		1024
	Instalment <Instlmt>	[0..*]	±		1024
	AggregationTransaction <AggtTx>	[0..1]	±		1025
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1026
	SaleItem <Saleitm>	[0..*]	±		1026
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1027
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1027
	AdditionalInformation <AddtlInf>	[0..*]			1027
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrtctdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1028

26.1.5.5.23.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

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

26.1.5.5.5.23.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.5.23.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.5.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

26.1.5.5.5.23.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

26.1.5.5.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.23.8 InvoiceAmount <InvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

26.1.5.5.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

26.1.5.5.23.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

26.1.5.5.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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

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

26.1.5.5.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1018
	Conversion <Convs>	[0..1]			1018
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1019
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1020
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		1020
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1021
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	OriginalAmount <OrgnlAmt>	[1..1]			1022
	ActualAmount <ActlAmt>	[0..1]	Amount		1022
	MinimumAmount <MinAmt>	[0..1]	Amount		1022
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1023
	Amount <Amt>	[1..1]	Amount		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	MarkUpDetails <MrkUpDtls>	[0..*]			1023
	Rate <Rate>	[1..1]	Rate		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1024

26.1.5.5.5.23.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1388):

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

26.1.5.5.5.23.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1019
	TargetCurrency <TrgtCcy>	[1..1]			1020
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1020
	ResultingAmount <RsltAmt>	[1..1]	Amount		1020
	ExchangeRate <XchgRate>	[1..1]	Rate		1021
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1021
	QuotationDate <QtnDt>	[0..1]	DateTime		1021
	ValidUntil <VldUntil>	[0..1]	DateTime		1021
	SourceCurrency <SrcCcy>	[1..1]			1021
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1021
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022
	OriginalAmount <OrgnlAmt>	[1..1]			1022
	ActualAmount <ActlAmt>	[0..1]	Amount		1022
	MinimumAmount <MinAmt>	[0..1]	Amount		1022
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023
	CommissionDetails <ComssnDtls>	[0..*]			1023
	Amount <Amt>	[1..1]	Amount		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	MarkUpDetails <MrkUpDtls>	[0..*]			1023
	Rate <Rate>	[1..1]	Rate		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023
	DeclarationDetails <DclrtDtls>	[0..*]	±		1024

26.1.5.5.5.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.5.23.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1020
	NumericCode <NmrcCd>	[1..1]	Text		1020
	Decimal <Dcml>	[1..1]	Quantity		1020
	Name <Nm>	[0..1]	Text		1020

26.1.5.5.5.23.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.5.5.5.23.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.5.5.23.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1389

26.1.5.5.5.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.5.5.23.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.5.23.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 1389

26.1.5.5.5.23.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

26.1.5.5.5.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1386

26.1.5.5.5.23.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

26.1.5.5.5.23.13.2.8 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	1021
	NumericCode <NmrcCd>	[0..1]	Text		1022
	Decimal <Dcml>	[0..1]	Quantity		1022
	Name <Nm>	[0..1]	Text		1022

26.1.5.5.5.23.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

• ActiveCurrency

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

26.1.5.5.5.23.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.5.5.23.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1389

26.1.5.5.5.23.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.5.5.23.13.2.9 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		1022
	MinimumAmount <MinAmt>	[0..1]	Amount		1022
	MaximumAmount <MaxAmt>	[0..1]	Amount		1023

26.1.5.5.5.23.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.5.23.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.5.23.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.5.23.13.2.10 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		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023

26.1.5.5.5.23.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.5.5.23.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

26.1.5.5.5.23.13.2.11 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		1023
	AdditionalInformation <AddtlInf>	[0..1]	Text		1023

26.1.5.5.5.23.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1389

26.1.5.5.5.23.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

26.1.5.5.23.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCdBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCdVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCdNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCdErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.5.5.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

26.1.5.5.23.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

26.1.5.5.5.23.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

26.1.5.5.5.23.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	SaleChannel <SaleChanl>	[0..1]	Text		1255
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1255

26.1.5.5.23.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.23.19 ReSubmissionCounter <ReSubmissnCntnr>

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 1389

26.1.5.5.23.20 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrctcdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028

26.1.5.5.5.23.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1390

26.1.5.5.5.23.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1333

26.1.5.5.5.23.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

26.1.5.5.5.23.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1390

26.1.5.5.5.23.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

26.1.5.5.24 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1029
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1029
	Response <Rspn>	[1..1]	CodeSet		1030
	ResponseReason <RspnRsn>	[0..1]	Text		1030
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1030
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1030

26.1.5.5.24.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

26.1.5.5.24.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1030
	ResponseReason <RspnRsn>	[0..1]	Text		1030
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1030

26.1.5.5.5.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1377

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

26.1.5.5.5.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

26.1.5.5.5.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

26.1.5.5.5.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

26.1.5.5.5.25 TransactionVerificationResult <TxVrfctnRsIt>

Presence: [0..*]

Definition: Result of the performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1031
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1031
	Result <RsIt>	[0..1]	CodeSet		1032
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1032

26.1.5.5.5.25.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1345

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.

26.1.5.5.5.25.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1345

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.

26.1.5.5.5.25.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1386

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.

26.1.5.5.5.25.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1394

26.1.5.5.5.26 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1394

26.1.5.5.5.27 AccountFrom <AcctFr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1033
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1034
	AccountName <AcctNm>	[0..1]	Text		1034
	AccountOwner <AcctOwnr>	[0..1]			1035
	Name <Nm>	[1..1]	Text		1035
	Address <Adr>	[1..1]	±		1035
	Currency <Ccy>	[0..1]	CodeSet	C1	1035
	AccountIdentifier <AcctIdr>	[0..1]			1036
{Or	Card <Card>	[1..1]	Text		1036
Or	MSISDN <MSISDN>	[1..1]	Text		1036
Or	EMail <EMail>	[1..1]	Text		1036
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1036
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1037
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1037
Or	Domestic <Dmst>	[1..1]	Text		1037
Or}	Other <Othr>	[1..1]	Text		1037
	Servicer <Svcr>	[0..1]			1037
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1038
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1038

26.1.5.5.5.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1335

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.

26.1.5.5.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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.

26.1.5.5.27.3 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 1394

26.1.5.5.5.27.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1035
	Address <Adr>	[1..1]	±		1035

26.1.5.5.5.27.4.1 Name <Nm>

Presence: [1..1]

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

Datatype: "Max70Text" on page 1394

26.1.5.5.5.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 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	C3	1267

26.1.5.5.5.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

• ActiveCurrency

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

26.1.5.5.5.27.6 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		1036
Or	MSISDN <MSISDN>	[1..1]	Text		1036
Or	EMail <EMail>	[1..1]	Text		1036
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1036
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1037
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1037
Or	Domestic <Dmst>	[1..1]	Text		1037
Or}	Other <Othr>	[1..1]	Text		1037

26.1.5.5.5.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1396

26.1.5.5.5.27.6.2 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max16Text" on page 1391

26.1.5.5.5.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

26.1.5.5.5.27.6.4 IBAN <IBAN>

Presence: [1..1]

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

Impacted by: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1387

Constraints

- **IBAN**

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

26.1.5.5.5.27.6.5 BBAN <BBAN>

Presence: [1..1]

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

Datatype: "BBANIdentifier" on page 1387

26.1.5.5.5.27.6.6 UPIC <UPIC>

Presence: [1..1]

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

Datatype: "UPICIdentifier" on page 1388

26.1.5.5.5.27.6.7 Domestic <Dmst>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.5.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

26.1.5.5.5.27.7 Servicer <Svcr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1038
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1038

26.1.5.5.5.27.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

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

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 1387

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.

26.1.5.5.5.27.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

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

ProprietaryIdentification <PrtryId> contains the following elements (see "[GenericIdentification1](#)" on page 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

26.1.5.5.5.28 AccountTo <AcctTo>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1039
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1040
	AccountName <AcctNm>	[0..1]	Text		1040
	AccountOwner <AcctOwnr>	[0..1]			1041
	Name <Nm>	[1..1]	Text		1041
	Address <Adr>	[1..1]	±		1041
	Currency <Ccy>	[0..1]	CodeSet	C1	1041
	AccountIdentifier <AcctIdr>	[0..1]			1042
{Or	Card <Card>	[1..1]	Text		1042
Or	MSISDN <MSISDN>	[1..1]	Text		1042
Or	EMail <EMail>	[1..1]	Text		1042
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1042
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1043
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1043
Or	Domestic <Dmst>	[1..1]	Text		1043
Or}	Other <Othr>	[1..1]	Text		1043
	Servicer <Svcr>	[0..1]			1043
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1044
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1044

26.1.5.5.5.28.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 1335

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.

26.1.5.5.28.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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.

26.1.5.5.28.3 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 1394

26.1.5.5.28.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1041
	Address <Adr>	[1..1]	±		1041

26.1.5.5.28.4.1 Name <Nm>

Presence: [1..1]

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

Datatype: "Max70Text" on page 1394

26.1.5.5.28.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 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	C3	1267

26.1.5.5.28.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

• ActiveCurrency

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

26.1.5.5.5.28.6 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		1042
Or	MSISDN <MSISDN>	[1..1]	Text		1042
Or	EMail <EMail>	[1..1]	Text		1042
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1042
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1043
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1043
Or	Domestic <Dmst>	[1..1]	Text		1043
Or}	Other <Othr>	[1..1]	Text		1043

26.1.5.5.5.28.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 1396

26.1.5.5.5.28.6.2 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max16Text" on page 1391

26.1.5.5.5.28.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 1392

26.1.5.5.5.28.6.4 IBAN <IBAN>

Presence: [1..1]

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

Impacted by: C4 "IBAN"

Datatype: "IBAN2007Identifier" on page 1387

Constraints

- **IBAN**

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

26.1.5.5.5.28.6.5 BBAN <BBAN>

Presence: [1..1]

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

Datatype: "BBANIdentifier" on page 1387

26.1.5.5.5.28.6.6 UPIC <UPIC>

Presence: [1..1]

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

Datatype: "UPICIdentifier" on page 1388

26.1.5.5.5.28.6.7 Domestic <Dmst>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.5.5.28.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 1393

26.1.5.5.5.28.7 Servicer <Svcr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1044
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1044

26.1.5.5.5.28.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

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

Impacted by: C2 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 1387

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.

26.1.5.5.5.28.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

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

ProprietaryIdentification <PrtryId> contains the following elements (see "[GenericIdentification1](#)" on page 1090 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1090
	SchemeName <SchmeNm>	[0..1]	Text		1091
	Issuer <Issr>	[0..1]	Text		1091

26.1.5.5.5.29 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 1394

26.1.5.6 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		1048
	TransactionType <TxTp>	[1..1]	CodeSet		1049
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1049
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1050
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1050
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1051
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1051
	TransactionIdentification <TxId>	[1..1]	±		1051
	OriginalTransaction <OrgnlTx>	[0..1]			1051
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1053
	TransactionIdentification <TxId>	[1..1]	±		1053
	POIdentification <POId>	[1..1]	±		1053
	CurrencyConversion <CcyConvs>	[0..1]			1053
	Result <Rslt>	[1..1]	CodeSet		1055
	ResultReason <RsltRsn>	[0..1]	Text		1055
	ConversionDetails <ConvsDtls>	[0..*]			1055
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1056
	TargetCurrency <TrgtCcy>	[1..1]			1057
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1057
	NumericCode <NmrcCd>	[1..1]	Text		1057
	Decimal <Dcml>	[1..1]	Quantity		1057
	Name <Nm>	[0..1]	Text		1057
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1057
	ExchangeRate <XchgRate>	[1..1]	Rate		1058
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1058
	QuotationDate <QtnDt>	[0..1]	DateTime		1058
	ValidUntil <VldUntil>	[0..1]	DateTime		1058
	SourceCurrency <SrcCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[0..1]	Text		1059
	Decimal <Dcml>	[0..1]	Quantity		1059

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1059
	OriginalAmount <OrgnlAmt>	[1..1]			1059
	ActualAmount <ActlAmt>	[0..1]	Amount		1059
	MinimumAmount <MinAmt>	[0..1]	Amount		1059
	MaximumAmount <MaxAmt>	[0..1]	Amount		1060
	CommissionDetails <ComssnDtls>	[0..*]			1060
	Amount <Amt>	[1..1]	Amount		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	MarkUpDetails <MrkUpDtls>	[0..*]			1060
	Rate <Rate>	[1..1]	Rate		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	DeclarationDetails <DclrtDtls>	[0..*]	±		1061
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1061
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1061
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1061
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1062
	TransactionDetails <TxDtls>	[1..1]			1062
	Currency <Ccy>	[0..1]	CodeSet	C1	1064
	TotalAmount <TtlAmt>	[1..1]	Amount		1065
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1065
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1065
	DetailedAmount <DtldAmt>	[0..1]	±		1065
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1066
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1066
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1066
	ValidityDate <VldtyDt>	[0..1]	Date		1066
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1066
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1067
	AccountType <AcctTp>	[0..1]	CodeSet		1067
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1068
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1070

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Convs>	[0..1]			1070
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1071
	TargetCurrency <TrgtCcy>	[1..1]			1072
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1072
	NumericCode <NmrcCd>	[1..1]	Text		1072
	Decimal <Dcml>	[1..1]	Quantity		1072
	Name <Nm>	[0..1]	Text		1072
	ResultingAmount <RsltAmt>	[1..1]	Amount		1072
	ExchangeRate <XchgRate>	[1..1]	Rate		1073
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1073
	QuotationDate <QtnDt>	[0..1]	DateTime		1073
	ValidUntil <VldUntil>	[0..1]	DateTime		1073
	SourceCurrency <SrcCcy>	[1..1]			1073
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1073
	NumericCode <NmrcCd>	[0..1]	Text		1074
	Decimal <Dcml>	[0..1]	Quantity		1074
	Name <Nm>	[0..1]	Text		1074
	OriginalAmount <OrgnlAmt>	[1..1]			1074
	ActualAmount <ActlAmt>	[0..1]	Amount		1074
	MinimumAmount <MinAmt>	[0..1]	Amount		1074
	MaximumAmount <MaxAmt>	[0..1]	Amount		1075
	CommissionDetails <ComssnDtls>	[0..*]			1075
	Amount <Amt>	[1..1]	Amount		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	MarkUpDetails <MrkUpDtls>	[0..*]			1075
	Rate <Rate>	[1..1]	Rate		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	DeclarationDetails <DclrtDtls>	[0..*]	±		1076
	Instalment <Instlmt>	[0..*]	±		1076
	AggregationTransaction <AggtnTx>	[0..1]	±		1077
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1078

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1078
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1079
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1079
	AdditionalInformation <AddtlInf>	[0..*]			1079
	Identification <Id>	[1..1]	Text		1080
	Value <Val>	[0..1]	Binary		1080
	ProtectedValue <PrctcdVal>	[0..1]	±		1080
	Type <Tp>	[0..1]	Text		1080
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1080
	AuthorisationResult <AuthstnRslt>	[0..1]			1081
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1081
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1081
	Response <Rspn>	[1..1]	CodeSet		1082
	ResponseReason <RspnRsn>	[0..1]	Text		1082
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1082
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1082
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1082
	CustomerOrder <CstmrOrd>	[0..1]	±		1082
	CustomerToken <CstmrTkn>	[0..1]	±		1083
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1084
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1084
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1084
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1084
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1084
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1084
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1084

26.1.5.6.1 TransactionCapture <TxCaptr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.5.6.2 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: "CardPaymentServiceType5Code" on page 1354

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.

26.1.5.6.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1354

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.

26.1.5.6.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1353

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.

26.1.5.6.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.5.6.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

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

Datatype: "Min3Max4Text" on page 1396

26.1.5.6.7 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.6.8 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction assigned by the initiator of the request. For instance refers to POITransactionIdentification if used inside an authorisation request or to SaleTransactionIdentification if the message is a payment request initiated by a sale system.

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

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

26.1.5.6.9 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		1053
	TransactionIdentification <TxId>	[1..1]	±		1053
	POIIdentification <POIID>	[1..1]	±		1053
	CurrencyConversion <CcyConvs>	[0..1]			1053
	Result <Rslt>	[1..1]	CodeSet		1055
	ResultReason <RsltRsn>	[0..1]	Text		1055
	ConversionDetails <ConvsDtls>	[0..*]			1055
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1056
	TargetCurrency <TrgtCcy>	[1..1]			1057
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1057
	NumericCode <NmrcCd>	[1..1]	Text		1057
	Decimal <Dcml>	[1..1]	Quantity		1057
	Name <Nm>	[0..1]	Text		1057
	ResultingAmount <RsltAmt>	[1..1]	Amount		1057
	ExchangeRate <XchgRate>	[1..1]	Rate		1058
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1058
	QuotationDate <QtnDt>	[0..1]	DateTime		1058
	ValidUntil <VldUntil>	[0..1]	DateTime		1058
	SourceCurrency <SrcCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[0..1]	Text		1059
	Decimal <Dcml>	[0..1]	Quantity		1059
	Name <Nm>	[0..1]	Text		1059
	OriginalAmount <OrgnlAmt>	[1..1]			1059
	ActualAmount <ActlAmt>	[0..1]	Amount		1059
	MinimumAmount <MinAmt>	[0..1]	Amount		1059
	MaximumAmount <MaxAmt>	[0..1]	Amount		1060
	CommissionDetails <ComssnDtls>	[0..*]			1060
	Amount <Amt>	[1..1]	Amount		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	MarkUpDetails <MrkUpDtls>	[0..*]			1060

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1061

26.1.5.6.9.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.6.9.2 TransactionIdentification <TxId>

Presence: [1..1]

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

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

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

26.1.5.6.9.3 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 1100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1100
	Type <Tp>	[0..1]	CodeSet		1100
	Issuer <Issr>	[0..1]	CodeSet		1100
	ShortName <ShrtNm>	[0..1]	Text		1101

26.1.5.6.9.4 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		1055
	ResultReason <RsltRsn>	[0..1]	Text		1055
	ConversionDetails <ConvsDtls>	[0..*]			1055
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1056
	TargetCurrency <TrgtCcy>	[1..1]			1057
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1057
	NumericCode <NmrcCd>	[1..1]	Text		1057
	Decimal <Dcml>	[1..1]	Quantity		1057
	Name <Nm>	[0..1]	Text		1057
	ResultingAmount <RsltAmt>	[1..1]	Amount		1057
	ExchangeRate <XchgRate>	[1..1]	Rate		1058
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1058
	QuotationDate <QtnDt>	[0..1]	DateTime		1058
	ValidUntil <VldUntil>	[0..1]	DateTime		1058
	SourceCurrency <SrcCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[0..1]	Text		1059
	Decimal <Dcml>	[0..1]	Quantity		1059
	Name <Nm>	[0..1]	Text		1059
	OriginalAmount <OrgnlAmt>	[1..1]			1059
	ActualAmount <ActlAmt>	[0..1]	Amount		1059
	MinimumAmount <MinAmt>	[0..1]	Amount		1059
	MaximumAmount <MaxAmt>	[0..1]	Amount		1060
	CommissionDetails <ComssnDtls>	[0..*]			1060
	Amount <Amt>	[1..1]	Amount		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	MarkUpDetails <MrkUpDtls>	[0..*]			1060
	Rate <Rate>	[1..1]	Rate		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	DeclarationDetails <DclrtDtls>	[0..*]	±		1061

26.1.5.6.9.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 1357

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.

26.1.5.6.9.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 1393

26.1.5.6.9.4.3 ConversionDetails <ConvDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1056
	TargetCurrency <TrgtCcy>	[1..1]			1057
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1057
	NumericCode <NmrcCd>	[1..1]	Text		1057
	Decimal <Dcml>	[1..1]	Quantity		1057
	Name <Nm>	[0..1]	Text		1057
	ResultingAmount <RsltAmt>	[1..1]	Amount		1057
	ExchangeRate <XchgRate>	[1..1]	Rate		1058
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1058
	QuotationDate <QtnDt>	[0..1]	DateTime		1058
	ValidUntil <VldUntil>	[0..1]	DateTime		1058
	SourceCurrency <SrcCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[0..1]	Text		1059
	Decimal <Dcml>	[0..1]	Quantity		1059
	Name <Nm>	[0..1]	Text		1059
	OriginalAmount <OrgnlAmt>	[1..1]			1059
	ActualAmount <ActlAmt>	[0..1]	Amount		1059
	MinimumAmount <MinAmt>	[0..1]	Amount		1059
	MaximumAmount <MaxAmt>	[0..1]	Amount		1060
	CommissionDetails <ComssnDtls>	[0..*]			1060
	Amount <Amt>	[1..1]	Amount		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	MarkUpDetails <MrkUpDtls>	[0..*]			1060
	Rate <Rate>	[1..1]	Rate		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	DeclarationDetails <DclrtDtls>	[0..*]	±		1061

26.1.5.6.9.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.6.9.4.3.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1057
	NumericCode <NmrcCd>	[1..1]	Text		1057
	Decimal <Dcml>	[1..1]	Quantity		1057
	Name <Nm>	[0..1]	Text		1057

26.1.5.6.9.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.5.6.9.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.6.9.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1389

26.1.5.6.9.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.6.9.4.3.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.9.4.3.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 1389

26.1.5.6.9.4.3.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

26.1.5.6.9.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1386

26.1.5.6.9.4.3.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

26.1.5.6.9.4.3.8 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	1058
	NumericCode <NmrcCd>	[0..1]	Text		1059
	Decimal <Dcml>	[0..1]	Quantity		1059
	Name <Nm>	[0..1]	Text		1059

26.1.5.6.9.4.3.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

• ActiveCurrency

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

26.1.5.6.9.4.3.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.6.9.4.3.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1389

26.1.5.6.9.4.3.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.6.9.4.3.9 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		1059
	MinimumAmount <MinAmt>	[0..1]	Amount		1059
	MaximumAmount <MaxAmt>	[0..1]	Amount		1060

26.1.5.6.9.4.3.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.9.4.3.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.9.4.3.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.9.4.3.10 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		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060

26.1.5.6.9.4.3.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.9.4.3.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

26.1.5.6.9.4.3.11 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		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060

26.1.5.6.9.4.3.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1389

26.1.5.6.9.4.3.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

26.1.5.6.9.4.3.12 DeclarationDetails <DclrtnDtIs>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtIs> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.5.6.10 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 1393

26.1.5.6.11 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 1391

26.1.5.6.12 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1391

26.1.5.6.13 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 1391

26.1.5.6.14 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1064
	TotalAmount <TtlAmt>	[1..1]	Amount		1065
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1065
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1065
	DetailedAmount <DtldAmt>	[0..1]	±		1065
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1066
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1066
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1066
	ValidityDate <VldtyDt>	[0..1]	Date		1066
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1066
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1067
	AccountType <AcctTp>	[0..1]	CodeSet		1067
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1068
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1070
	Conversion <Convs>	[0..1]			1070
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1071
	TargetCurrency <TrgtCcy>	[1..1]			1072
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1072
	NumericCode <NmrcCd>	[1..1]	Text		1072
	Decimal <Dcml>	[1..1]	Quantity		1072
	Name <Nm>	[0..1]	Text		1072
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1072
	ExchangeRate <XchgRate>	[1..1]	Rate		1073
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1073
	QuotationDate <QtnDt>	[0..1]	DateTime		1073
	ValidUntil <VldUntil>	[0..1]	DateTime		1073
	SourceCurrency <SrcCcy>	[1..1]			1073
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1073
	NumericCode <NmrcCd>	[0..1]	Text		1074
	Decimal <Dcml>	[0..1]	Quantity		1074
	Name <Nm>	[0..1]	Text		1074

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[1..1]			1074
	ActualAmount <ActlAmt>	[0..1]	Amount		1074
	MinimumAmount <MinAmt>	[0..1]	Amount		1074
	MaximumAmount <MaxAmt>	[0..1]	Amount		1075
	CommissionDetails <ComssnDtls>	[0..*]			1075
	Amount <Amt>	[1..1]	Amount		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	MarkUpDetails <MrkUpDtls>	[0..*]			1075
	Rate <Rate>	[1..1]	Rate		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	DeclarationDetails <DclrtDtls>	[0..*]	±		1076
	Instalment <Instlmt>	[0..*]	±		1076
	AggregationTransaction <AggtTx>	[0..1]	±		1077
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1078
	SaleItem <Saleitm>	[0..*]	±		1078
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1079
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1079
	AdditionalInformation <AddtlInf>	[0..*]			1079
	Identification <Id>	[1..1]	Text		1080
	Value <Val>	[0..1]	Binary		1080
	ProtectedValue <PrtctdVal>	[0..1]	±		1080
	Type <Tp>	[0..1]	Text		1080
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1080

26.1.5.6.14.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

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

26.1.5.6.14.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 1382

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

26.1.5.6.14.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		855
	CashBack <CshBck>	[0..1]	Amount		855
	Gratuity <Grtty>	[0..1]	Amount		855
	Fees <Fees>	[0..*]	±		855
	Rebate <Rbt>	[0..*]	±		856
	ValueAddedTax <ValAddedTax>	[0..*]	±		856
	Surcharge <Srchr>	[0..*]	±		856

26.1.5.6.14.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 1386

26.1.5.6.14.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 1368

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

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

26.1.5.6.14.11 UnattendedLevelCategory <UattnddLvIctgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 1393

26.1.5.6.14.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 1349

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

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

26.1.5.6.14.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1070
	Conversion <Convs>	[0..1]			1070
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1071
	TargetCurrency <TrgtCcy>	[1..1]			1072
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1072
	NumericCode <NmrcCd>	[1..1]	Text		1072
	Decimal <Dcml>	[1..1]	Quantity		1072
	Name <Nm>	[0..1]	Text		1072
	ResultingAmount <RsltgtAmt>	[1..1]	Amount		1072
	ExchangeRate <XchgRate>	[1..1]	Rate		1073
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1073
	QuotationDate <QtnDt>	[0..1]	DateTime		1073
	ValidUntil <VldUntil>	[0..1]	DateTime		1073
	SourceCurrency <SrcCcy>	[1..1]			1073
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1073
	NumericCode <NmrcCd>	[0..1]	Text		1074
	Decimal <Dcml>	[0..1]	Quantity		1074
	Name <Nm>	[0..1]	Text		1074
	OriginalAmount <OrgnlAmt>	[1..1]			1074
	ActualAmount <ActlAmt>	[0..1]	Amount		1074
	MinimumAmount <MinAmt>	[0..1]	Amount		1074
	MaximumAmount <MaxAmt>	[0..1]	Amount		1075
	CommissionDetails <ComssnDtls>	[0..*]			1075
	Amount <Amt>	[1..1]	Amount		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	MarkUpDetails <MrkUpDtls>	[0..*]			1075
	Rate <Rate>	[1..1]	Rate		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1076

26.1.5.6.14.13.1 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 1388):

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

26.1.5.6.14.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1071
	TargetCurrency <TrgtCcy>	[1..1]			1072
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1072
	NumericCode <NmrcCd>	[1..1]	Text		1072
	Decimal <Dcml>	[1..1]	Quantity		1072
	Name <Nm>	[0..1]	Text		1072
	ResultingAmount <RsltAmt>	[1..1]	Amount		1072
	ExchangeRate <XchgRate>	[1..1]	Rate		1073
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1073
	QuotationDate <QtnDt>	[0..1]	DateTime		1073
	ValidUntil <VldUntil>	[0..1]	DateTime		1073
	SourceCurrency <SrcCcy>	[1..1]			1073
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1073
	NumericCode <NmrcCd>	[0..1]	Text		1074
	Decimal <Dcml>	[0..1]	Quantity		1074
	Name <Nm>	[0..1]	Text		1074
	OriginalAmount <OrgnlAmt>	[1..1]			1074
	ActualAmount <ActlAmt>	[0..1]	Amount		1074
	MinimumAmount <MinAmt>	[0..1]	Amount		1074
	MaximumAmount <MaxAmt>	[0..1]	Amount		1075
	CommissionDetails <ComssnDtls>	[0..*]			1075
	Amount <Amt>	[1..1]	Amount		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	MarkUpDetails <MrkUpDtls>	[0..*]			1075
	Rate <Rate>	[1..1]	Rate		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	DeclarationDetails <DclrtDtls>	[0..*]	±		1076

26.1.5.6.14.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.6.14.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1072
	NumericCode <NmrcCd>	[1..1]	Text		1072
	Decimal <Dcml>	[1..1]	Quantity		1072
	Name <Nm>	[0..1]	Text		1072

26.1.5.6.14.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.5.6.14.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.6.14.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1389

26.1.5.6.14.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.6.14.13.2.3 ResultingAmount <RsltAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 1389

26.1.5.6.14.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

26.1.5.6.14.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1386

26.1.5.6.14.13.2.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

26.1.5.6.14.13.2.8 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	1073
	NumericCode <NmrcCd>	[0..1]	Text		1074
	Decimal <Dcml>	[0..1]	Quantity		1074
	Name <Nm>	[0..1]	Text		1074

26.1.5.6.14.13.2.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

• ActiveCurrency

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

26.1.5.6.14.13.2.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.5.6.14.13.2.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1389

26.1.5.6.14.13.2.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.5.6.14.13.2.9 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		1074
	MinimumAmount <MinAmt>	[0..1]	Amount		1074
	MaximumAmount <MaxAmt>	[0..1]	Amount		1075

26.1.5.6.14.13.2.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.13.2.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.13.2.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.13.2.10 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		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075

26.1.5.6.14.13.2.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.5.6.14.13.2.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

26.1.5.6.14.13.2.11 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		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075

26.1.5.6.14.13.2.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1389

26.1.5.6.14.13.2.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

26.1.5.6.14.13.2.12 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclrtnDtls> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCdBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCdVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCdNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCdErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.5.6.14.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "RecurringTransaction4" on page 1133 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

26.1.5.6.14.15 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "AggregationTransaction3" on page 1248 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Lbl>	[0..1]	Text		1250

26.1.5.6.14.16 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "Max10Text" on page 1390

26.1.5.6.14.17 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 1250 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	SaleChannel <SaleChanl>	[0..1]	Text		1255
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1255

26.1.5.6.14.18 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.6.14.19 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 1389

26.1.5.6.14.20 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1080
	Value <Val>	[0..1]	Binary		1080
	ProtectedValue <PrctcdVal>	[0..1]	±		1080
	Type <Tp>	[0..1]	Text		1080

26.1.5.6.14.20.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1390

26.1.5.6.14.20.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1333

26.1.5.6.14.20.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

26.1.5.6.14.20.4 Type <Tp>

Presence: [0..1]

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

Datatype: "Max1025Text" on page 1390

26.1.5.6.14.21 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 1333

26.1.5.6.15 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1081
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1081
	Response <Rspn>	[1..1]	CodeSet		1082
	ResponseReason <RspnRsn>	[0..1]	Text		1082
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1082
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1082

26.1.5.6.15.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

26.1.5.6.15.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1082
	ResponseReason <RspnRsn>	[0..1]	Text		1082
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1082

26.1.5.6.15.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1377

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

26.1.5.6.15.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

26.1.5.6.15.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

26.1.5.6.15.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

26.1.5.6.16 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 1394

26.1.5.6.17 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrd> contains the following elements (see "[CustomerOrder1](#)" on page 1241 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1242
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1242
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1242
	StartDate <StartDt>	[1..1]	DateTime		1242
	EndDate <EndDt>	[0..1]	DateTime		1242
	Unit <Unit>	[0..1]	CodeSet		1243
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1243
	CurrentAmount <CurAmt>	[0..1]	Amount		1243
	Currency <Ccy>	[0..1]	CodeSet	C1	1243
	AccessedBy <AccsdBy>	[0..1]	Text		1243
	AdditionalInformation <AddtlInf>	[0..1]	Text		1243

26.1.5.6.18 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 1330 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1330
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1330
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1330
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1331
	TokenRequestor <TknRqstr>	[0..1]			1331
	ProviderIdentification <PrvdId>	[1..1]	Text		1331
	RequestorIdentification <RqstrId>	[1..1]	Text		1331
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1331
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1331
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1331
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		1332

26.1.5.6.19 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 1388):

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

26.1.5.6.20 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 1393

26.1.5.6.21 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 1393

26.1.5.6.22 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: The POI System receives this information.

Datatype: ["Max70Text"](#) on page 1394

26.1.5.6.23 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: ["Max70Text"](#) on page 1394

26.1.5.6.24 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: ["Max70Text"](#) on page 1394

26.1.5.6.25 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: ["Max70Text"](#) on page 1394

26.1.5.7 CardPaymentTransaction122

Definition: Identification of the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1085
	TransactionIdentification <TxId>	[1..1]	±		1085
	POIIdentification <POIID>	[0..1]	±		1085
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1086
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1086
	TransactionType <TxTp>	[1..1]	CodeSet		1086
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1087
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1088
	TransactionResult <TxRslt>	[0..1]			1088
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

26.1.5.7.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.5.7.2 TransactionIdentification <TxId>

Presence: [1..1]

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

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

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

26.1.5.7.3 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 1100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1100
	Type <Tp>	[0..1]	CodeSet		1100
	Issuer <Issr>	[0..1]	CodeSet		1100
	ShortName <ShrtNm>	[0..1]	Text		1101

26.1.5.7.4 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "[Max35Text](#)" on page 1393

26.1.5.7.5 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "[Max140Text](#)" on page 1391

26.1.5.7.6 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: "[CardPaymentServiceType12Code](#)" 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.

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.

26.1.5.7.7 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1354

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.

26.1.5.7.8 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1353

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.

26.1.5.7.9 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card information.

Datatype: "CardDataReading8Code" on page 1350

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.)

26.1.5.7.10 TransactionResult <TxRsIt>

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]	±		1089
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1089
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1090

26.1.5.7.10.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

26.1.5.7.10.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation from the acquirer.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1089
	ResponseReason <RspnRsn>	[0..1]	Text		1090
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1090

26.1.5.7.10.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 1377

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

26.1.5.7.10.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

26.1.5.7.10.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

26.1.5.7.10.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Min6Max8Text" on page 1396

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		1091
	Issuer <Issr>	[0..1]	Text		1091

26.1.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max35Text" on page 1393

26.1.6.1.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

Datatype: "Max35Text" on page 1393

26.1.6.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1393

26.1.6.2 GenericIdentification177

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

26.1.6.2.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1393

26.1.6.2.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" 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	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

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 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	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

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 1395

26.1.6.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1393

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 <CIntCert>	[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]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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		1094
	Longitude <Long>	[1..1]	Text		1094

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 1393

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 1393

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		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

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 1393

26.1.6.2.7.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

26.1.6.2.7.2.3 UTMNorthward <UTMNrthwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

26.1.6.3 GenericIdentification176

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

26.1.6.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1393

26.1.6.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" 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	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

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 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	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.

CodeName	Name	Definition
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

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 1395

26.1.6.3.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1393

26.1.6.4 GenericIdentification90

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

26.1.6.4.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1393

26.1.6.4.2 Type <Tp>

Presence: [1..1]

Definition: Type of identified entity.

Datatype: "PartyType14Code" on page 1370

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

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 1371

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 1395

26.1.6.4.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 1393

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		1099
	Issuer <Issr>	[1..1]	Text		1099
	SchemeName <SchmeNm>	[0..1]	Text		1099

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 1393

26.1.6.5.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1393

26.1.6.5.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 1393

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		1099
	IdentificationType <IdTp>	[1..1]	Text		1099

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 1393

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 1393

26.1.6.7 GenericIdentification32

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1100
	Type <Tp>	[0..1]	CodeSet		1100
	Issuer <Issr>	[0..1]	CodeSet		1100
	ShortName <ShrtNm>	[0..1]	Text		1101

26.1.6.7.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 1393

26.1.6.7.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType3Code" on page 1371

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.

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 1371

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 1393

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		1101
	Envelope <Envlp>	[1..1]	(External Schema)		1101

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 1392

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 RetailerPaymentResult4

Definition: Payment Data Results.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1105
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1106
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1106
	RequestedTransaction <ReqdTxx>	[0..1]	±		1107
	TransactionResponse <TxRspn>	[0..1]			1111
	AuthorisationResult <AuthstnRslt>	[1..1]			1114
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1114
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1114
	Response <Rspn>	[1..1]	CodeSet		1115
	ResponseReason <RspnRsn>	[0..1]	Text		1115
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1115
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1115
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1115
	TMSTrigger <TMSTrggr>	[0..1]			1116
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1116
	TMSIdentification <TMSId>	[0..1]	Text		1116
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1116
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1116
	Method <Mtd>	[1..1]	CodeSet		1117
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1118
	Result <Rslt>	[0..1]	CodeSet		1118
	AdditionalResult <AddtlRslt>	[0..1]	Text		1118
	AllowedProductCode <AllwdPdctCd>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1120
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1120

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountLimit <AmtLmt>	[0..1]	Amount		1120
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1120
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1120
	Balance <Bal>	[0..1]	±		1122
	ProtectedBalance <PrctcdBal>	[0..1]	±		1122
	Action <Actn>	[0..*]			1123
	ActionType <ActnTp>	[1..1]	CodeSet		1123
	MessageToPresent <MsgToPres>	[0..1]	±		1124
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1124
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1125
	TargetCurrency <TrgtCcy>	[1..1]			1126
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1126
	NumericCode <NmrcCd>	[1..1]	Text		1126
	Decimal <Dcml>	[1..1]	Quantity		1126
	Name <Nm>	[0..1]	Text		1126
	ResultingAmount <RsltAmt>	[1..1]	Amount		1127
	ExchangeRate <XchgRate>	[1..1]	Rate		1127
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1127
	QuotationDate <QtnDt>	[0..1]	DateTime		1127
	ValidUntil <VldUntil>	[0..1]	DateTime		1127
	SourceCurrency <SrcCcy>	[1..1]			1127
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1127
	NumericCode <NmrcCd>	[0..1]	Text		1128
	Decimal <Dcml>	[0..1]	Quantity		1128
	Name <Nm>	[0..1]	Text		1128
	OriginalAmount <OrgnlAmt>	[1..1]			1128
	ActualAmount <ActlAmt>	[0..1]	Amount		1128
	MinimumAmount <MinAmt>	[0..1]	Amount		1128
	MaximumAmount <MaxAmt>	[0..1]	Amount		1129
	CommissionDetails <ComssnDtls>	[0..*]			1129
	Amount <Amt>	[1..1]	Amount		1129

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1129
	MarkUpDetails <MrkUpDtls>	[0..*]			1129
	Rate <Rate>	[1..1]	Rate		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1130
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1130
	CustomerOrder <CstmrOrd>	[0..*]	±		1130
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			1131
	ImageFormat <ImgFrmt>	[1..1]	Text		1131
	ImageData <ImgData>	[0..1]	Binary		1131
	ImageReference <ImgRef>	[0..1]	Text		1132
	AdditionalInformation <AddtlInf>	[0..1]	Text		1132
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		1132
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		1132
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C6	1132
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		1132

26.1.7.2.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType12Code" 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.

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.

26.1.7.2.2 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service provided by the card payment transaction, in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 1354

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.

26.1.7.2.3 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType14Code" on page 1353

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.

26.1.7.2.4 RequestedTransaction <ReqdTxx>

Presence: [0..1]

Definition: Data associated with the Transaction.

RequestedTransaction <ReqdTxx> contains the following elements (see
"CardPaymentTransaction120" on page 1044 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1048
	TransactionType <TxTp>	[1..1]	CodeSet		1049
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1049
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1050
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1050
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1051
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1051
	TransactionIdentification <TxId>	[1..1]	±		1051
	OriginalTransaction <OrgnlTx>	[0..1]			1051
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1053
	TransactionIdentification <TxId>	[1..1]	±		1053
	POIdentification <POId>	[1..1]	±		1053
	CurrencyConversion <CcyConvs>	[0..1]			1053
	Result <Rslt>	[1..1]	CodeSet		1055
	ResultReason <RsltRsn>	[0..1]	Text		1055
	ConversionDetails <ConvsDtls>	[0..*]			1055
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1056
	TargetCurrency <TrgtCcy>	[1..1]			1057
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1057
	NumericCode <NmrcCd>	[1..1]	Text		1057
	Decimal <Dcml>	[1..1]	Quantity		1057
	Name <Nm>	[0..1]	Text		1057
	ResultingAmount <RsltAmt>	[1..1]	Amount		1057
	ExchangeRate <XchgRate>	[1..1]	Rate		1058
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1058
	QuotationDate <QtnDt>	[0..1]	DateTime		1058
	ValidUntil <VldUntil>	[0..1]	DateTime		1058
	SourceCurrency <SrcCcy>	[1..1]			1058
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1058
	NumericCode <NmrcCd>	[0..1]	Text		1059

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1059
	Name <Nm>	[0..1]	Text		1059
	OriginalAmount <OrgnlAmt>	[1..1]			1059
	ActualAmount <ActlAmt>	[0..1]	Amount		1059
	MinimumAmount <MinAmt>	[0..1]	Amount		1059
	MaximumAmount <MaxAmt>	[0..1]	Amount		1060
	CommissionDetails <ComssnDtls>	[0..*]			1060
	Amount <Amt>	[1..1]	Amount		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	MarkUpDetails <MrkUpDtls>	[0..*]			1060
	Rate <Rate>	[1..1]	Rate		1060
	AdditionalInformation <AddtlInf>	[0..1]	Text		1060
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1061
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1061
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1061
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1061
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1062
	TransactionDetails <TxDtls>	[1..1]			1062
	Currency <Ccy>	[0..1]	CodeSet	C1	1064
	TotalAmount <TtlAmt>	[1..1]	Amount		1065
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1065
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1065
	DetailedAmount <DtldAmt>	[0..1]	±		1065
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1066
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1066
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1066
	ValidityDate <VldtyDt>	[0..1]	Date		1066
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1066
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1067
	AccountType <AcctTp>	[0..1]	CodeSet		1067
	CurrencyConversionResult <CcyConvRslt>	[0..1]			1068

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1070
	Conversion <Convs>	[0..1]			1070
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1071
	TargetCurrency <TrgtCcy>	[1..1]			1072
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1072
	NumericCode <NmrcCd>	[1..1]	Text		1072
	Decimal <Dcml>	[1..1]	Quantity		1072
	Name <Nm>	[0..1]	Text		1072
	ResultingAmount <RsltAmt>	[1..1]	Amount		1072
	ExchangeRate <XchgRate>	[1..1]	Rate		1073
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1073
	QuotationDate <QtnDt>	[0..1]	DateTime		1073
	ValidUntil <VldUntil>	[0..1]	DateTime		1073
	SourceCurrency <SrcCcy>	[1..1]			1073
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1073
	NumericCode <NmrcCd>	[0..1]	Text		1074
	Decimal <Dcml>	[0..1]	Quantity		1074
	Name <Nm>	[0..1]	Text		1074
	OriginalAmount <OrgnlAmt>	[1..1]			1074
	ActualAmount <ActlAmt>	[0..1]	Amount		1074
	MinimumAmount <MinAmt>	[0..1]	Amount		1074
	MaximumAmount <MaxAmt>	[0..1]	Amount		1075
	CommissionDetails <ComssnDtls>	[0..*]			1075
	Amount <Amt>	[1..1]	Amount		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	MarkUpDetails <MrkUpDtls>	[0..*]			1075
	Rate <Rate>	[1..1]	Rate		1075
	AdditionalInformation <AddtlInf>	[0..1]	Text		1075
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1076
	Instalment <Instlmt>	[0..*]	±		1076
	AggregationTransaction <AggtnTx>	[0..1]	±		1077

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1078
	SaleItem <SaleItm>	[0..*]	±		1078
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1079
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1079
	AdditionalInformation <AddtlInf>	[0..*]			1079
	Identification <Id>	[1..1]	Text		1080
	Value <Val>	[0..1]	Binary		1080
	ProtectedValue <PrtctdVal>	[0..1]	±		1080
	Type <Tp>	[0..1]	Text		1080
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1080
	AuthorisationResult <AuthstnRslt>	[0..1]			1081
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1081
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1081
	Response <Rspn>	[1..1]	CodeSet		1082
	ResponseReason <RspnRsn>	[0..1]	Text		1082
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1082
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1082
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1082
	CustomerOrder <CstmrOrd>	[0..1]	±		1082
	CustomerToken <CstmrTkn>	[0..1]	±		1083
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1084
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1084
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1084
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1084
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1084
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1084
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1084

26.1.7.2.5 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 <AuthstnRsIt>	[1..1]			1114
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1114
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1114
	Response <Rspn>	[1..1]	CodeSet		1115
	ResponseReason <RspnRsn>	[0..1]	Text		1115
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1115
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1115
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1115
	TMSTrigger <TMSTrggr>	[0..1]			1116
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1116
	TMSIdentification <TMSId>	[0..1]	Text		1116
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1116
	TransactionVerificationResult <TxVrfctnRsIt>	[0..*]			1116
	Method <Mtd>	[1..1]	CodeSet		1117
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1118
	Result <RsIt>	[0..1]	CodeSet		1118
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1118
	AllowedProductCode <AllwdPdctCd>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119
	AdditionalAvailableProduct <AddtlAvblPdct>	[0..*]			1119
	ProductCode <PdctCd>	[1..1]	Text		1120
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1120
	AmountLimit <AmtLmt>	[0..1]	Amount		1120
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1120
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1120
	Balance <Bal>	[0..1]	±		1122
	ProtectedBalance <PrctdBal>	[0..1]	±		1122

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..*]			1123
	ActionType <ActnTp>	[1..1]	CodeSet		1123
	MessageToPresent <MsgToPres>	[0..1]	±		1124
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1124
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1125
	TargetCurrency <TrgtCcy>	[1..1]			1126
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1126
	NumericCode <NmrcCd>	[1..1]	Text		1126
	Decimal <Dcml>	[1..1]	Quantity		1126
	Name <Nm>	[0..1]	Text		1126
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1127
	ExchangeRate <XchgRate>	[1..1]	Rate		1127
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1127
	QuotationDate <QtnDt>	[0..1]	DateTime		1127
	ValidUntil <VldUntil>	[0..1]	DateTime		1127
	SourceCurrency <SrcCcy>	[1..1]			1127
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1127
	NumericCode <NmrcCd>	[0..1]	Text		1128
	Decimal <Dcml>	[0..1]	Quantity		1128
	Name <Nm>	[0..1]	Text		1128
	OriginalAmount <OrgnlAmt>	[1..1]			1128
	ActualAmount <ActlAmt>	[0..1]	Amount		1128
	MinimumAmount <MinAmt>	[0..1]	Amount		1128
	MaximumAmount <MaxAmt>	[0..1]	Amount		1129
	CommissionDetails <ComssnDtls>	[0..*]			1129
	Amount <Amt>	[1..1]	Amount		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1129
	MarkUpDetails <MrkUpDtls>	[0..*]			1129
	Rate <Rate>	[1..1]	Rate		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1130
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1130

26.1.7.2.5.1 AuthorisationResult <AuthstnRslt>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1114
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1114
	Response <Rspn>	[1..1]	CodeSet		1115
	ResponseReason <RspnRsn>	[0..1]	Text		1115
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1115
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1115
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1115
	TMSTrigger <TMSTrggr>	[0..1]			1116
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1116
	TMSIdentification <TMSId>	[0..1]	Text		1116
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1116

26.1.7.2.5.1.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 1097 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1097
	Type <Tp>	[1..1]	CodeSet		1097
	Issuer <Issr>	[0..1]	CodeSet		1098
	Country <Ctry>	[0..1]	Text		1098
	ShortName <ShrtNm>	[0..1]	Text		1098

26.1.7.2.5.1.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1115
	ResponseReason <RspnRsn>	[0..1]	Text		1115
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1115

26.1.7.2.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 1377

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

26.1.7.2.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 1393

26.1.7.2.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 1391

26.1.7.2.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 1395

26.1.7.2.5.1.4 CompletionRequired <CmpltnReqrd>

Presence: [0..1]

Definition: Indicates whether the acquirer requires a further exchange completion after the completion of the transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.2.5.1.5 TMSTrigger <TMSTrgr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1116
	TMSIdentification <TMSId>	[0..1]	Text		1116
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1116

26.1.7.2.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 1381

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.

26.1.7.2.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.7.2.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 1386

26.1.7.2.5.2 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

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

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1117
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1118
	Result <RsIt>	[0..1]	CodeSet		1118
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1118

26.1.7.2.5.2.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1345

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.

26.1.7.2.5.2.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 1345

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.

26.1.7.2.5.2.3 Result <Rslt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1386

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.

26.1.7.2.5.2.4 AdditionalResult <AddtlRslt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1394

26.1.7.2.5.3 AllowedProductCode <AllwdPdctCd>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119

26.1.7.2.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1394

26.1.7.2.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

26.1.7.2.5.4 NotAllowedProductCode <NotAllwdPdctCd>

Presence: [0..*]

Definition: Product code not allowed by the payment card.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1119
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1119

26.1.7.2.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 1394

26.1.7.2.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

26.1.7.2.5.5 AdditionalAvailableProduct <AddtlAvlblPdct>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1120
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1120
	AmountLimit <AmtLmt>	[0..1]	Amount		1120
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1120
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1120

26.1.7.2.5.5.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1394

26.1.7.2.5.5.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

26.1.7.2.5.5.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.2.5.5.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 1388

26.1.7.2.5.5.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1384

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.

26.1.7.2.5.6 Balance <Bal>

Presence: [0..1]

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

Balance <Bal> contains the following elements (see "[AmountAndDirection93](#)" on page 852 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		852
	Currency <Ccy>	[1..1]	CodeSet	C1	852
	Sign <Sgn>	[0..1]	Indicator		853

26.1.7.2.5.7 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType32](#)" on page 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

26.1.7.2.5.8 Action <Actn>

Presence: [0..*]

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

Action <Actn> contains the following **Action12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1123
	MessageToPresent <MsgToPres>	[0..1]	±		1124

26.1.7.2.5.8.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType12Code" on page 1335

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.

CodeName	Name	Definition
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.

26.1.7.2.5.8.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.7.2.5.9 CurrencyConversionEligibility <CcyConvseElgblty>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1125
	TargetCurrency <TrgtCcy>	[1..1]			1126
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1126
	NumericCode <NmrcCd>	[1..1]	Text		1126
	Decimal <Dcml>	[1..1]	Quantity		1126
	Name <Nm>	[0..1]	Text		1126
	ResultingAmount <RsltgAmt>	[1..1]	Amount		1127
	ExchangeRate <XchgRate>	[1..1]	Rate		1127
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1127
	QuotationDate <QtnDt>	[0..1]	DateTime		1127
	ValidUntil <VldUntil>	[0..1]	DateTime		1127
	SourceCurrency <SrcCcy>	[1..1]			1127
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1127
	NumericCode <NmrcCd>	[0..1]	Text		1128
	Decimal <Dcml>	[0..1]	Quantity		1128
	Name <Nm>	[0..1]	Text		1128
	OriginalAmount <OrgnlAmt>	[1..1]			1128
	ActualAmount <ActlAmt>	[0..1]	Amount		1128
	MinimumAmount <MinAmt>	[0..1]	Amount		1128
	MaximumAmount <MaxAmt>	[0..1]	Amount		1129
	CommissionDetails <ComssnDtls>	[0..*]			1129
	Amount <Amt>	[1..1]	Amount		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1129
	MarkUpDetails <MrkUpDtls>	[0..*]			1129
	Rate <Rate>	[1..1]	Rate		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1130
	DeclarationDetails <DclrtDtls>	[0..*]	±		1130

26.1.7.2.5.9.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

26.1.7.2.5.9.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1126
	NumericCode <NmrcCd>	[1..1]	Text		1126
	Decimal <Dcml>	[1..1]	Quantity		1126
	Name <Nm>	[0..1]	Text		1126

26.1.7.2.5.9.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.7.2.5.9.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.7.2.5.9.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 1389

26.1.7.2.5.9.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.7.2.5.9.3 ResultingAmount <RsltgAmt>

Presence: [1..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.2.5.9.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 1389

26.1.7.2.5.9.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 1389

26.1.7.2.5.9.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 1386

26.1.7.2.5.9.7 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 1386

26.1.7.2.5.9.8 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	1127
	NumericCode <NmrcCd>	[0..1]	Text		1128
	Decimal <Dcml>	[0..1]	Quantity		1128
	Name <Nm>	[0..1]	Text		1128

26.1.7.2.5.9.8.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.7.2.5.9.8.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 1390

26.1.7.2.5.9.8.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 1389

26.1.7.2.5.9.8.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 1393

26.1.7.2.5.9.9 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		1128
	MinimumAmount <MinAmt>	[0..1]	Amount		1128
	MaximumAmount <MaxAmt>	[0..1]	Amount		1129

26.1.7.2.5.9.9.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.2.5.9.9.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.2.5.9.9.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.2.5.9.10 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		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1129

26.1.7.2.5.9.10.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.2.5.9.10.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 1392

26.1.7.2.5.9.11 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		1129
	AdditionalInformation <AddtlInf>	[0..1]	Text		1130

26.1.7.2.5.9.11.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 1389

26.1.7.2.5.9.11.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 1392

26.1.7.2.5.9.12 DeclarationDetails <Dclrtndtls>

Presence: [0..*]

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

DeclarationDetails <Dclrtndtls> contains the following elements (see "ActionMessage9" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.7.2.6 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 1241 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		1242
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1242
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1242
	StartDate <StartDt>	[1..1]	DateTime		1242
	EndDate <EndDt>	[0..1]	DateTime		1242
	Unit <Unit>	[0..1]	CodeSet		1243
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1243
	CurrentAmount <CurAmt>	[0..1]	Amount		1243
	Currency <Ccy>	[0..1]	CodeSet	C1	1243
	AccessedBy <AccsdBy>	[0..1]	Text		1243
	AdditionalInformation <AddtlInf>	[0..1]	Text		1243

26.1.7.2.7 ImageCapturedSignature <ImgCaptrdSgntr>

Presence: [0..1]

Definition: Numeric value of a handwritten signature.

ImageCapturedSignature <ImgCaptrdSgntr> contains the following **CapturedSignature1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ImageFormat <ImgFrmt>	[1..1]	Text		1131
	ImageData <ImgData>	[0..1]	Binary		1131
	ImageReference <ImgRef>	[0..1]	Text		1132
	AdditionalInformation <AddtlInf>	[0..1]	Text		1132

26.1.7.2.7.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "Max35Text" on page 1393

26.1.7.2.7.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "Max2MBBinary" on page 1334

26.1.7.2.7.3 ImageReference <ImgRef>

Presence: [0..1]

Definition: URL or name of the image.

Datatype: "Max500Text" on page 1394

26.1.7.2.7.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information for the image.

Datatype: "Max140Text" on page 1391

26.1.7.2.8 ProtectedCapturedSignature <PrctdCaptrdSgntr>

Presence: [0..1]

Definition: Protected value of a handwritten signature.

ProtectedCapturedSignature <PrctdCaptrdSgntr> contains the following elements (see "ContentInformationType32" on page 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

26.1.7.2.9 MerchantOverrideFlag <MrchntOvrrdFlg>

Presence: [0..1]

Definition: Indicate that the Merchant forced the result of the payment to successful.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.2.10 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C6 "ValidationByTable"

Datatype: "LanguageCode" on page 1364

Constraints

- **ValidationByTable**
Must be a valid terrestrial language.

26.1.7.2.11 OnlineFlag <OnlnFlg>

Presence: [0..1]

Definition: Indicate that the payment transaction processing has required the approval of an acquirer.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.3 RecurringTransaction4

Definition: Financial loan (instalment) or a recurring transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		1133
	PlanIdentification <PlanId>	[0..1]	Text		1134
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1134
	SequenceNumber <SeqNb>	[0..1]	Quantity		1134
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1134
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		1135
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1135
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1135
	TotalAmount <TtlAmt>	[0..1]	Amount	C6	1135
	FirstAmount <FrstAmt>	[0..1]	Amount		1135
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		1135
	LastAmount <LastAmt>	[0..1]	Amount		1136
	Charges <Chrgs>	[0..1]	Amount		1136
	DetailedCharges <DtldChrgs>	[0..*]	±		1136
	InterestRate <IntrstRate>	[0..*]			1136
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137
	GracePeriod <GracePrd>	[0..*]	±		1137

26.1.7.3.1 InstalmentPlan <InstlmtPlan>

Presence: [0..*]

Definition: Type of instalment plan.

Datatype: "InstalmentPlan1Code" on page 1362

CodeName	Name	Definition
EQPM	EqualPayment	The payment is split in several instalments of equal amounts.

CodeName	Name	Definition
NQPM	InequalPayment	The payment is split in several instalments of different amounts.
DFRI	DeferredInstalment	The first instalment is deferred.

26.1.7.3.2 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the instalment plan.

Datatype: "Max35Text" on page 1393

26.1.7.3.3 PlanOwner <PlanOwnr>

Presence: [0..1]

Definition: Type of the Plan Owner.

Datatype: "PlanOwner1Code" on page 1373

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.

26.1.7.3.4 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the recurring/instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

Datatype: "Number" on page 1389

26.1.7.3.5 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 1360

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.

CodeName	Name	Definition
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

26.1.7.3.6 InstalmentPeriod <InstlmtPrd>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 1389

26.1.7.3.7 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 1389

26.1.7.3.8 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 1386

26.1.7.3.9 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Cumulative amount of all the instalments.

Impacted by: C6 "ValidationByTable"

Datatype: "CurrencyAndAmount" on page 1332

Constraints

- **ValidationByTable**

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

26.1.7.3.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.3.11 SubsequentAmount <SbsqntAmt>

Presence: [0..1]

Definition: Amount of subsequent payments but the first one.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.3.12 LastAmount <LastAmt>

Presence: [0..1]

Definition: Amount of the last payment.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.3.13 Charges <Chrgs>

Presence: [0..1]

Definition: Charges related to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.3.14 DetailedCharges <DtldChrgs>

Presence: [0..*]

Definition: Contains the charge details of an instalment plan.

DetailedCharges <DtldChrgs> contains the following elements (see "InstalmentAmountDetails1" on page 853 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		853
	OtherType <OthrTp>	[0..1]	Text		853
	SubType <SubTp>	[0..1]	Text		854
	Amount <Amt>	[0..1]	±		854
	Percentage <Pctg>	[0..1]	Rate		854

26.1.7.3.15 InterestRate <IntrstRate>

Presence: [0..*]

Definition: Details of the interest rate.

InterestRate <IntrstRate> contains the following **InterestRateDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1136
	OtherType <OthrTp>	[0..1]	Text		1137
	Period <Prd>	[1..1]	CodeSet		1137
	Rate <Rate>	[1..1]	Rate		1137

26.1.7.3.15.1 Type <Tp>

Presence: [0..1]

Definition: Interest rate applicable to the instalment.

Datatype: "InterestRate1Code" on page 1362

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

26.1.7.3.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 1393

26.1.7.3.15.3 Period <Prd>

Presence: [1..1]

Definition: Contains instalment period

Datatype: "InstalmentPeriod1Code" on page 1362

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

26.1.7.3.15.4 Rate <Rate>

Presence: [1..1]

Definition: Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

Datatype: "BaseOneRate" on page 1389

26.1.7.3.16 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		859
	UnitType <UnitTp>	[1..1]	CodeSet		859
	OtherUnitType <OthrUnitTp>	[0..1]	Text		859

26.1.7.4 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		1138
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		1138
	RequiredSignatureFlag <ReqrdsGntrFlg>	[0..1]	Indicator		1138
	OutputContent <OutptCntt>	[1..1]	±		1139

26.1.7.4.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 1358

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.

26.1.7.4.2 IntegratedPrintFlag <IntgrtdPrtFlg>

Presence: [0..1]

Definition: Flag is the print is integrated to other prints.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.4.3 RequiredSignatureFlag <ReqrdsGntrFlg>

Presence: [0..1]

Definition: Flag to indicate that the cardholder payment receipt requires a signature by the customer.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.4.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "[ActionMessage9](#)" on page 1217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.7.5 LoyaltyAccount3

Definition: Loyalty Account description.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		1140
	EntryMode <NtryMd>	[0..1]	CodeSet		1140
	IdentificationType <IdTp>	[0..1]	CodeSet		1141
	Brand <Brnd>	[0..1]	Text		1141
	Provider <Prvdr>	[0..1]	Text		1141
	OwnerName <OwnrNm>	[0..1]	Text		1141
	Unit <Unit>	[0..1]	CodeSet		1141
	Currency <Ccy>	[0..1]	CodeSet	C1	1142
	Balance <Bal>	[0..1]	Amount		1142

26.1.7.5.1 LoyaltyIdentification <Ltyld>

Presence: [1..1]

Definition: Identification of Loyalty Account.

Datatype: "Max35Text" on page 1393

26.1.7.5.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Loyalty account or card.

Datatype: "CardDataReading8Code" on page 1350

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.)

26.1.7.5.3 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Loyalty Account.

Datatype: "CardIdentificationType1Code" on page 1352

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.

26.1.7.5.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1393

26.1.7.5.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Loyalty Account.

Datatype: "Max35Text" on page 1393

26.1.7.5.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1393

26.1.7.5.7 Unit <Unit>

Presence: [0..1]

Definition: Unit of a Loyalty Account (Point or Currency).

Datatype: "AmountUnit1Code" on page 1344

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.1.7.5.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Loyalty Account if any.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.7.5.9 Balance <Bal>

Presence: [0..1]

Definition: Balance of a Loyalty Account.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.6 CardPaymentEnvironment78

Definition: Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1148
	Merchant <Mrchnt>	[0..1]			1148
	Identification <Id>	[0..1]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150
	POI <POI>	[0..1]			1150
	Identification <Id>	[1..1]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <GrpId>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153
	Card <Card>	[0..1]			1155
	ProtectedCardData <PrtctdCardData>	[0..1]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158
	ServiceOption <SvcOptn>	[0..1]	Text		1159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159
	Check <Chck>	[0..1]			1159
	BankIdentification <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161
	StoredValueAccount <StordValAcct>	[0..*]			1161
	AccountType <AcctTp>	[0..1]	CodeSet		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165
	LoyaltyAccount <LtyAcct>	[0..*]	±		1165
	CustomerDevice <CstmrDvc>	[0..1]	±		1165
	Wallet <Wlt>	[0..1]	±		1165
	PaymentToken <PmtTkn>	[0..1]	±		1166
	MerchantToken <MrchntTkn>	[0..1]	±		1166
	Cardholder <Crhldr>	[0..1]			1167
	Identification <Id>	[0..1]			1171
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SclSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BlgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1181

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrdhldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		1194
	SaleEnvironment <SaleEnvr>	[0..1]			1195

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LltyHdlg>	[0..1]	CodeSet		1197

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]	±		1148
	CommonName <CmonNm>	[0..1]	Text		1149
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		1149
	LocationAndContact <LctnAndCtct>	[0..1]	±		1149
	SchemeData <SchmeData>	[0..1]	Text		1150

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 1100 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1100
	Type <Tp>	[0..1]	CodeSet		1100
	Issuer <Issr>	[0..1]	CodeSet		1100
	ShortName <ShrtNm>	[0..1]	Text		1101

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 1394

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 1364

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]	±		851
	Email <Email>	[0..1]	Text		851
	URLAddress <URLAdr>	[0..1]	Text		851
	Phone <Phne>	[0..1]	Text		852
	CustomerService <CstmrSvc>	[0..1]	Text		852
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		852

26.1.7.6.2.5 SchemeData <SchmeData>

Presence: [0..1]

Definition: Additional merchant data required by a card scheme.

Datatype: "[Max140Text](#)" on page 1391

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]	±		1150
	SystemName <SysNm>	[0..1]	Text		1151
	GroupIdentification <Grpld>	[0..1]	Text		1151
	Capabilities <Cpblties>	[0..1]	±		1151
	TimeZone <TmZone>	[0..1]	Text		1152
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1152
	Component <Cmpnt>	[0..*]	±		1153

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 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1095

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 1394

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 1393

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		1244
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		1245
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		1245
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1246
	MaxScriptLength <MxScrpLngth>	[0..1]	Quantity		1246
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1246
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		1246
	MessageCapabilities <MsgCpblties>	[0..*]			1246
	Destination <Dstn>	[1..*]	CodeSet		1247
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1247
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1247
	LineWidth <LineWidth>	[0..1]	Quantity		1247
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C6	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 1394

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 1364

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 1222 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1224
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		1225
	Identification <Id>	[1..1]			1226
	ItemNumber <ItmNb>	[0..1]	Text		1226
	ProviderIdentification <PrvdrId>	[0..1]	Text		1226
	Identification <Id>	[0..1]	Text		1226
	SerialNumber <SrlNb>	[0..1]	Text		1226
	Status <Sts>	[0..1]			1226
	VersionNumber <VrsnNb>	[0..1]	Text		1227
	Status <Sts>	[0..1]	CodeSet		1227
	ExpiryDate <XpryDt>	[0..1]	Date		1227
	StandardCompliance <StdCmplc>	[0..*]			1227
	Identification <Id>	[1..1]	Text		1227
	Version <Vrsn>	[1..1]	Text		1228
	Issuer <Issr>	[1..1]	Text		1228
	Characteristics <Chrtcs>	[0..1]			1228
	Memory <Mmry>	[0..*]			1229
	Identification <Id>	[1..1]	Text		1230
	TotalSize <TtlSz>	[1..1]	Quantity		1230
	FreeSize <FreeSz>	[1..1]	Quantity		1230
	Unit <Unit>	[1..1]	CodeSet		1230
	Communication <Com>	[0..*]			1230
	CommunicationType <ComTp>	[1..1]	CodeSet		1231
	RemoteParty <RmotPty>	[1..*]	CodeSet		1232
	Active <Actv>	[1..1]	Indicator		1232
	Parameters <Params>	[0..1]	±		1232
	PhysicalInterface <PhysIntrfc>	[0..1]			1233
	InterfaceName <IntrfcNm>	[1..1]	Text		1233
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1233
	UserName <UsrNm>	[0..1]	Text		1234

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		1234
	SecurityProfile <SctyPrfl>	[0..1]	Text		1234
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1234
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1235
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1235
	SecurityElement <SctyElmt>	[0..*]	±		1235
	Assessment <Assmnt>	[0..*]			1235
	Type <Tp>	[1..1]	CodeSet		1236
	Assigner <Assgnr>	[1..*]	Text		1236
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		1236
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1236
	Number <Nb>	[1..1]	Text		1236
	Package <Packg>	[0..*]			1237
	PackageIdentification <PackgId>	[0..1]	±		1237
	PackageLength <PackgLngh>	[0..1]	Quantity		1237
	OffsetStart <OffsetStart>	[0..1]	Quantity		1237
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1238
	PackageBlock <PackgBlck>	[0..*]			1238
	Identification <Id>	[1..1]	Text		1238
	Value <Val>	[0..1]	Binary		1238
	ProtectedValue <PrctcdVal>	[0..1]	±		1238
	Type <Tp>	[0..1]	Text		1239

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]	±		1156
	PrivateCardData <PrvtCardData>	[0..1]	Binary		1156
	PlainCardData <PlainCardData>	[0..1]	±		1156
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1157
	MaskedPAN <MskdPAN>	[0..1]	Text		1157
	IssuerBIN <IssrBIN>	[0..1]	Text		1157
	CardCountryCode <CardCtryCd>	[0..1]	Text		1157
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		1157
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1158
	CardBrand <CardBrnd>	[0..1]	Text		1158
	CardProductType <CardPdctTp>	[0..1]	CodeSet		1158
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1158
	InternationalCard <IntrnlCard>	[0..1]	Indicator		1158
	AllowedProduct <AllwdPdct>	[0..*]	Text		1158
	ServiceOption <SvcOptn>	[0..1]	Text		1159
	AdditionalCardData <AddtlCardData>	[0..1]	Text		1159

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 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

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 1333

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 857 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		857
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		857
	EffectiveDate <FctvDt>	[0..1]	Text		857
	ExpiryDate <XpryDt>	[1..1]	Text		858
	ServiceCode <SvcCd>	[0..1]	Text		858
	Track1 <Trck1>	[0..1]	Text		858
	Track2 <Trck2>	[0..1]	Text		858
	Track3 <Trck3>	[0..1]	Text		858
	CardholderName <CrdhldrNm>	[0..1]	Text		858

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 1394

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 1392

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 1391

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 1393

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 1390

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 1393

26.1.7.6.4.10 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 1393

26.1.7.6.4.11 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "CardProductType1Code" on page 1355

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 1393

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 1388):

- *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 1394

26.1.7.6.4.15 ServiceOption <SvcOptn>

Presence: [0..1]

Definition: Options to the service provided by the card.

Datatype: "Max35Text" on page 1393

26.1.7.6.4.16 AdditionalCardData <AddtlCardData>

Presence: [0..1]

Definition: Additional card issuer specific data.

Datatype: "Max70Text" on page 1394

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 <Bkld>	[0..1]	Text		1159
	AccountNumber <AcctNb>	[0..1]	Text		1159
	CheckNumber <ChckNb>	[0..1]	Text		1159
	CheckCardNumber <ChckCardNb>	[0..1]	Text		1160
	CheckTrackData2 <ChckTrckData2>	[0..1]			1160
	TrackNumber <TrckNb>	[0..1]	Quantity		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161
	CheckType <ChckTp>	[0..1]	CodeSet		1161
	Country <Ctry>	[0..1]	Text		1161

26.1.7.6.5.1 BankIdentification <Bkld>

Presence: [0..1]

Definition: Identification of the institution (bank) issuing the check.

Datatype: "Max35Text" on page 1393

26.1.7.6.5.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Identification of the account linked to the check.

Datatype: "Max35Text" on page 1393

26.1.7.6.5.3 CheckNumber <ChckNb>

Presence: [0..1]

Definition: Identification of the check.

Datatype: "Max35Text" on page 1393

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 1393

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		1160
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		1160
	TrackValue <TrckVal>	[1..1]	Text		1161

26.1.7.6.5.5.1 TrackNumber <TrckNb>

Presence: [0..1]

Definition: Track number of the card.

Datatype: "Number" on page 1389

26.1.7.6.5.5.2 TrackFormat <TrckFrmt>

Presence: [0..1]

Definition: Card or check track format.

Datatype: "TrackFormat1Code" on page 1381

CodeName	Name	Definition
AAMV	AAMVFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.
E13B	E13BCheckFormat	Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.
ISOF	ISOFormat	ISO card track format - ISO 7813 - ISO 4909.
JIS1	JISIFormat	Japanese track format I.

CodeName	Name	Definition
JIS2	JISIIFormat	Japanese track format II.

26.1.7.6.5.5.3 TrackValue <TrckVal>

Presence: [1..1]

Definition: Card track content or equivalent.

Datatype: "Max140Text" on page 1391

26.1.7.6.5.6 CheckType <ChckTp>

Presence: [0..1]

Definition: Type of the check (personal or professional).

Datatype: "CheckType1Code" on page 1355

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 1393

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		1162
	IdentificationType <IdTp>	[0..1]	CodeSet		1163
	Identification <Id>	[0..1]	Text		1163
	Brand <Brnd>	[0..1]	Text		1163
	Provider <Prvdr>	[0..1]	Text		1163
	OwnerName <OwnrNm>	[0..1]	Text		1163
	ExpiryDate <XpryDt>	[0..1]	Text		1164
	EntryMode <NtryMd>	[0..1]	CodeSet		1164
	Currency <Ccy>	[0..1]	CodeSet	C1	1164
	Balance <Bal>	[0..1]	Amount		1165

26.1.7.6.6.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 1380

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 1352

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 1393

26.1.7.6.6.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 1393

26.1.7.6.6.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 1393

26.1.7.6.6.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 1393

26.1.7.6.6.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 1390

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 1350

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

26.1.7.6.7 LoyaltyAccount <LtyAcct>

Presence: [0..*]

Definition: Store value account associated to the payment.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 1139 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		1140
	EntryMode <NtryMd>	[0..1]	CodeSet		1140
	IdentificationType <IdTp>	[0..1]	CodeSet		1141
	Brand <Brnd>	[0..1]	Text		1141
	Provider <Prvdr>	[0..1]	Text		1141
	OwnerName <OwnrNm>	[0..1]	Text		1141
	Unit <Unit>	[0..1]	CodeSet		1141
	Currency <Ccy>	[0..1]	CodeSet	C1	1142
	Balance <Bal>	[0..1]	Amount		1142

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 1241 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1241
	Type <Tp>	[0..1]	Text		1241
	Provider <Prvdr>	[0..1]	Text		1241

26.1.7.6.9 Wallet <Wllt>

Presence: [0..1]

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

Wallet <Wlt> contains the following elements (see "[CustomerDevice3](#)" on page 1241 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1241
	Type <Tp>	[0..1]	Text		1241
	Provider <Prvdr>	[0..1]	Text		1241

26.1.7.6.10 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Payment token information.

PaymentToken <PmtTkn> contains the following elements (see "[Token1](#)" on page 1327 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1327
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1327
	TokenRequestorIdentification <TknRqstrId>	[0..1]	Text		1327
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1327
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1328
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1328

26.1.7.6.11 MerchantToken <MrchntTkn>

Presence: [0..1]

Definition: Merchant token information.

MerchantToken <MrchntTkn> contains the following elements (see "[MerchantToken2](#)" on page 1328 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		1328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1329
	TokenRequestor <TknRqstr>	[0..1]			1329
	ProviderIdentification <PrvdrId>	[1..1]	Text		1329
	RequestorIdentification <RqstrId>	[1..1]	Text		1329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1329
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1330

26.1.7.6.12 Cardholder <Crdhdr>

Presence: [0..1]

Definition: Cardholder involved in the card payment.

Cardholder <Crhdldr> contains the following **Cardholder18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			1171
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174
	Name <Nm>	[0..1]	Text		1174
	Language <Lang>	[0..1]	CodeSet	C6	1174
	BillingAddress <BllgAdr>	[0..1]	±		1175
	ShippingAddress <ShppgAdr>	[0..1]	±		1175
	TripNumber <TripNb>	[0..1]	Text		1176
	Vehicle <Vhcl>	[0..1]	±		1176
	Authentication <Authntcn>	[0..*]			1177
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <Crhdldrld>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <Drvrld>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			1188
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <Rslt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRslt>	[0..1]	Text		1190
	PersonalData <PrsnlData>	[0..1]	Text		1191
	MobileData <MobData>	[0..*]			1191
	MobileCountryCode <MobCtryCd>	[0..1]	Text		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		1194

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		1171
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1171
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1172
	DriverIdentification <DrvrId>	[0..1]	Text		1172
	CustomerNumber <CstmrNb>	[0..1]	Text		1172
	SocialSecurityNumber <ScIscItyNb>	[0..1]	Text		1172
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1172
	PassportNumber <PsptNb>	[0..1]	Text		1172
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1172
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1172
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1173
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1173
	JobNumber <JobNb>	[0..1]	Text		1173
	Department <Dept>	[0..1]	Text		1173
	EmailAddress <EmailAdr>	[0..1]	Text		1173
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1173
	BirthDate <BirthDt>	[1..1]	Date		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174
	Other <Othr>	[0..*]	±		1174

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 1393

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 1393

26.1.7.6.12.1.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 1393

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 1393

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 1393

26.1.7.6.12.1.6 SocialSecurityNumber <SciSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1393

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 1393

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 1393

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 1393

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 1393

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 1393

26.1.7.6.12.1.12 EmployeeIdentificationNumber <MplyeIdNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.1.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.1.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.1.15 EmailAddress <EmailAdr>

Presence: [0..1]

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

Datatype: "Max256Text" on page 1392

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		1173
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1174
	CityOfBirth <CityOfBirth>	[1..1]	Text		1174
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1174

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 1386

26.1.7.6.12.1.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.1.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.1.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C3 "Country"

Datatype: "CountryCode" on page 1356

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 1099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1099
	IdentificationType <IdTp>	[1..1]	Text		1099

26.1.7.6.12.2 Name <Nm>

Presence: [0..1]

Definition: Cardholder name associated with the card.

Datatype: "Max45Text" on page 1393

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: C6 "ValidationByTable"

Datatype: "LanguageCode" on page 1364

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 1393

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
	Maintenanceldentification <Mntncld>	[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		1179
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		1180
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		1181
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		1181
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			1181
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182
	CardholderIdentification <CrhdldrId>	[0..1]			1182
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186
	AddressVerification <AdrVrfctn>	[0..1]			1186

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187
	AuthenticationType <AuthntcnTp>	[0..1]	Text		1187
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		1187
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		1187
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			1187
	Identification <Id>	[1..1]	Text		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188

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 1346

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 1359

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 1334

26.1.7.6.12.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

Presence: [0..1]

Definition: Protection of the authentication value.

ProtectedAuthenticationValue <PrctcdAuthntcnVal> contains the following elements (see "ContentInformationType32" on page 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

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]	±		1181
	PINFormat <PINFrmt>	[1..1]	CodeSet		1182
	AdditionalInput <AddtlInpt>	[0..1]	Text		1182

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 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

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 1372

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 1393

26.1.7.6.12.8.6 CardholderIdentification <Crhdldrld>

Presence: [0..1]

Definition: Identification of the cardholder to verify.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		1183
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		1183
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		1183
	DriverIdentification <DrvrId>	[0..1]	Text		1184
	CustomerNumber <CstmrNb>	[0..1]	Text		1184
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		1184
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		1184
	PassportNumber <PsptNb>	[0..1]	Text		1184
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		1184
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		1184
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		1184
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		1185
	JobNumber <JobNb>	[0..1]	Text		1185
	Department <Dept>	[0..1]	Text		1185
	EmailAddress <EmailAdr>	[0..1]	Text		1185
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			1185
	BirthDate <BirthDt>	[1..1]	Date		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186
	Other <Othr>	[0..*]	±		1186

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 1393

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 1393

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 1393

26.1.7.6.12.8.6.4 DriverIdentification <DrvrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 1393

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 1393

26.1.7.6.12.8.6.6 SocialSecurityNumber <SciSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 1393

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 1393

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 1393

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 1393

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 1393

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 1393

26.1.7.6.12.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

Presence: [0..1]

Definition: Number assigned to an employee by a employer.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.8.6.13 JobNumber <JobNb>

Presence: [0..1]

Definition: Identification of the job.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.8.6.14 Department <Dept>

Presence: [0..1]

Definition: Identification of the department.

Datatype: "Max35Text" on page 1393

26.1.7.6.12.8.6.15 EmailAddress <EmailAdr>

Presence: [0..1]

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

Datatype: "Max256Text" on page 1392

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		1185
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		1185
	CityOfBirth <CityOfBirth>	[1..1]	Text		1186
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C3	1186

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 1386

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 1393

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 1393

26.1.7.6.12.8.6.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C3 "Country"

Datatype: "CountryCode" on page 1356

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 1099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1099
	IdentificationType <IdTp>	[1..1]	Text		1099

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		1186
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		1187

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 1394

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 1394

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 1393

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 1393

26.1.7.6.12.8.10 AuthenticationResult <AuthntcnRslt>

Presence: [0..1]

Definition: Result of authentication.

Datatype: "AuthenticationResult1Code" on page 1348

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		1188
	Value <Val>	[0..1]	Binary		1188
	ProtectedValue <PrctcdVal>	[0..1]	±		1188
	Type <Tp>	[0..1]	Text		1188

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 1390

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 1333

26.1.7.6.12.8.11.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType30" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

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 1390

26.1.7.6.12.9 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

Definition: Result of performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		1189
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		1190
	Result <RsIt>	[0..1]	CodeSet		1190
	AdditionalResult <AddtlRsIt>	[0..1]	Text		1190

26.1.7.6.12.9.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 1345

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 1345

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 <RsIt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 1386

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 <AddtlRsIt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 1394

26.1.7.6.12.10 PersonalData <PrsnlData>

Presence: [0..1]

Definition: Identifies personal data related to the cardholder.

Datatype: "Max70Text" on page 1394

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		1191
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		1191
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		1192
	Geolocation <Glctn>	[0..1]			1192
	GeographicCoordinates <GeogcCordints>	[0..1]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwrdr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		1193
	SensitiveMobileData <SnstvlMobData>	[0..1]			1193
	MSISDN <MSISDN>	[1..1]	Text		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		1194

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 1395

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 1395

26.1.7.6.12.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

Presence: [0..1]

Definition: Masked Mobile Subscriber Integrated Service Digital Network.

Datatype: "Max35Text" on page 1393

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]			1192
	Latitude <Lat>	[1..1]	Text		1192
	Longitude <Long>	[1..1]	Text		1192
	UTMCoordinates <UTMCordints>	[0..1]			1193
	UTMZone <UTMZone>	[1..1]	Text		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193

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		1192
	Longitude <Long>	[1..1]	Text		1192

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 1393

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 1393

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		1193
	UTMEastward <UTMEstwr>	[1..1]	Text		1193
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1193

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 1393

26.1.7.6.12.11.4.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

26.1.7.6.12.11.4.2.3 UTMNorthward <UTMNrthwr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 1393

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		1194
	IMSI <IMSI>	[0..1]	Text		1194
	IMEI <IMEI>	[0..1]	Text		1194

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 1393

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 1393

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 1393

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 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

26.1.7.6.13 ProtectedCardholderData <PrtctdCrhldrData>

Presence: [0..1]

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

ProtectedCardholderData <PrctcdCrhdldrData> contains the following elements (see
"ContentInformationType32" on page 1294 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

26.1.7.6.14 SaleEnvironment <SaleEnv>

Presence: [0..1]

Definition: Sale Retailer Environment for this message.

SaleEnvironment <SaleEnv> contains the following **RetailerSaleEnvironment2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		1195
	Currency <Ccy>	[0..1]	CodeSet	C1	1196
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		1196
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		1196
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		1197
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		1197
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		1197

26.1.7.6.14.1 SaleCapabilities <SaleCpblties>

Presence: [0..*]

Definition: Capabilities of the Sale system.

Datatype: "SaleCapabilities1Code" on page 1379

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 1336

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 1332

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 1332

26.1.7.6.14.5 MinimumSplitAmount <MinSpltAmt>

Presence: [0..1]

Definition: Minimum amount to split a sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

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 1388):

- *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 1365

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 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]			1200
	CardPresent <CardPres>	[0..1]	Indicator		1200
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AttnhdncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1204
	SaleContext <SaleCntxt>	[0..1]			1204
	SaleIdentification <SaleId>	[0..1]	Text		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrlId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207
	SplitPayment <Spltpmt>	[0..1]	Indicator		1208

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1209
	DebtorIdentification <DbtrId>	[0..1]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandatImage <MndtImg>	[0..1]	Binary		1217

26.1.7.7.1 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		1200
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1200
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1201
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1201
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1201
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1201
	BusinessArea <BizArea>	[0..1]	CodeSet		1202
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1202
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C6	1202
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1203
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1203
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1204

26.1.7.7.1.1 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 1388](#)):

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

26.1.7.7.1.2 CardholderPresent <CrhdldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 1388](#)):

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

26.1.7.7.1.3 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 1388):

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

26.1.7.7.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 1344

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.

26.1.7.7.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 1382

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

26.1.7.7.1.6 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 1382

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.

26.1.7.7.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea1Code" on page 1348

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.

26.1.7.7.1.8 AttendantMessageCapable <AtndntMsgCpbl>

Presence: [0..1]

Definition: Indicates whether a message can be sent or not on an attendant display (attendant display present or not).

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.7.1.9 AttendantLanguage <AtndntLang>

Presence: [0..1]

Definition: Language used to display messages to the attendant.

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

Impacted by: C6 "ValidationByTable"

Datatype: "LanguageCode" on page 1364

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.1.7.7.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 1350

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.)

26.1.7.7.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 1351

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.

26.1.7.7.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 1380

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.

26.1.7.7.2 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		1205
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1205
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1206
	CashierIdentification <CshrId>	[0..1]	Text		1206
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C6	1206
	ShiftNumber <ShiftNb>	[0..1]	Text		1206
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1206
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1206
	InvoiceNumber <InvNb>	[0..1]	Text		1206
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1207
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1207
	CommonName <CmonNm>	[1..1]	Text		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1207
	SplitPayment <Spltpmt>	[0..1]	Indicator		1208
	RemainingAmount <RmngAmt>	[0..1]	Amount		1208
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1208
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1208
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1208
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1209
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1209

26.1.7.7.2.1 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 1393

26.1.7.7.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 1393

26.1.7.7.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 1393

26.1.7.7.2.4 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 1393

26.1.7.7.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C6 "ValidationByTable"

Datatype: "LanguageCode" on page 1364

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.1.7.7.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 1392

26.1.7.7.2.7 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 1388):

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

26.1.7.7.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 1393

26.1.7.7.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 1393

26.1.7.7.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 1393

26.1.7.7.2.11 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		1207
	Address <Adr>	[0..1]	Text		1207
	CountryCode <CtryCd>	[1..1]	CodeSet		1207
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1207
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1207

26.1.7.7.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 1394

26.1.7.7.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 1391

26.1.7.7.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 1363

26.1.7.7.2.11.4 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 1396

26.1.7.7.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 1393

26.1.7.7.2.12 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 1388):

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

26.1.7.7.2.13 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 1332

26.1.7.7.2.14 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 1388):

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

26.1.7.7.2.15 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 1388):

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

26.1.7.7.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 1350

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.)

26.1.7.7.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 1380

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.

26.1.7.7.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 1394

26.1.7.7.3 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]			1210
	Debtor <Dbtr>	[0..1]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214
	CreditorIdentification <CdtrId>	[1..1]			1214
	Creditor <Cdtr>	[1..1]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1216
	MandateIdentification <MndtId>	[1..1]	Text		1217
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

26.1.7.7.3.1 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]			1211
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212
	AccountIdentification <AcctId>	[0..1]			1213
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C4	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification <Id>	[1..1]	Text		1214

26.1.7.7.3.1.1 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	1211
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1212
Or}	NameAndAddress <NmAndAdr>	[1..1]			1212
	Name <Nm>	[1..1]	Text		1212
	Address <Adr>	[1..1]	±		1212

26.1.7.7.3.1.1.1 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 1387

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.

26.1.7.7.3.1.1.2 ProprietaryIdentification <Prtryld>

Presence: [1..1]

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

ProprietaryIdentification <Prtryld> contains the following elements (see "[GenericIdentification36](#)" on page 1098 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1099
	Issuer <Issr>	[1..1]	Text		1099
	SchemeName <SchmeNm>	[0..1]	Text		1099

26.1.7.7.3.1.1.3 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		1212
	Address <Adr>	[1..1]	±		1212

26.1.7.7.3.1.1.3.1 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 1394

26.1.7.7.3.1.1.3.2 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 1326 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		1326
	PostCodeIdentification <PstCdd>	[1..1]	Text		1326
	TownName <TwnNm>	[1..1]	Text		1326
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1326
	Country <Ctry>	[1..1]	CodeSet	C3	1326

26.1.7.7.3.1.2 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	1213
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1213
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1214
Or}	DomesticAccount <DmstAcct>	[1..1]			1214
	Identification </d>	[1..1]	Text		1214

26.1.7.7.3.1.2.1 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 1387

Constraints

- IBAN**

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

26.1.7.7.3.1.2.2 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 1387

26.1.7.7.3.1.2.3 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 1388

26.1.7.7.3.1.2.4 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		1214

26.1.7.7.3.1.2.4.1 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 1393

26.1.7.7.3.2 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]			1215
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C2	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216
	RegistrationIdentification <RegnId>	[0..1]	Text		1216

26.1.7.7.3.2.1 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	1215
Or	ProprietaryIdentification <PrtryId>	[1..1]	±		1215
Or}	NameAndAddress <NmAndAdr>	[1..1]			1215
	Name <Nm>	[1..1]	Text		1216
	Address <Adr>	[1..1]	±		1216

26.1.7.7.3.2.1.1 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 1387

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.

26.1.7.7.3.2.1.2 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 1098 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1099
	Issuer <Issr>	[1..1]	Text		1099
	SchemeName <SchmeNm>	[0..1]	Text		1099

26.1.7.7.3.2.1.3 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		1216
	Address <Adr>	[1..1]	±		1216

26.1.7.7.3.2.1.3.1 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 1394

26.1.7.7.3.2.1.3.2 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 1326 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StreetName <StrtNm>	[0..1]	Text		1326
	PostCodeIdentification <PstCdId>	[1..1]	Text		1326
	TownName <TwnNm>	[1..1]	Text		1326
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1326
	Country <Ctry>	[1..1]	CodeSet	C3	1326

26.1.7.7.3.2.2 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 1393

26.1.7.7.3.3 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		1217
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1217
	MandateImage <MndtImg>	[0..1]	Binary		1217

26.1.7.7.3.3.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 1393

26.1.7.7.3.3.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 1386

26.1.7.7.3.3.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 1334

26.1.7.8 ActionMessage9

Definition: Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		1217
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		1218
	Format <Frmt>	[0..1]	CodeSet		1219
	MessageContent <MsgCntt>	[0..1]	Text		1219
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		1219
	OutputBarcode <OutptBrcd>	[0..1]			1219
	BarcodeType <BrcdTp>	[1..1]	CodeSet		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRcdNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRcdErrCrctn>	[0..1]	CodeSet		1221
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		1221
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		1221

26.1.7.8.1 MessageDestination <MsgDstn>

Presence: [1..1]

Definition: Destination of the message.

Datatype: "UserInterface4Code" on page 1385

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.

26.1.7.8.2 InformationQualifier <InfQlfr>

Presence: [0..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 1361

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.

26.1.7.8.3 Format <Frmt>

Presence: [0..1]

Definition: Message format.

Datatype: "OutputFormat3Code" on page 1370

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.

26.1.7.8.4 MessageContent <MsgCntt>

Presence: [0..1]

Definition: Content or reference of the message.

Datatype: "Max20000Text" on page 1392

26.1.7.8.5 MessageContentSignature <MsgCnttSgntr>

Presence: [0..1]

Definition: Digital signature of the message.

MessageContentSignature <MsgCnttSgntr> contains the following elements (see "ContentInformationType29" on page 1303 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1303
	AuthenticatedData <AuthntcdData>	[0..1]	±		1303
	SignedData <SgndData>	[0..1]	±		1304

26.1.7.8.6 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		1220
	BarcodeValue <BrcdVal>	[0..1]	Text		1220
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		1220
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		1221
	QRCodeEncodingMode <QRCDNcodgMd>	[1..1]	CodeSet		1221
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		1221

26.1.7.8.6.1 BarcodeType <BrcdTp>

Presence: [1..1]

Definition: Type of Barcode coding.

Datatype: "BarcodeType1Code" on page 1348

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.

26.1.7.8.6.2 BarcodeValue <BrcdVal>

Presence: [0..1]

Definition: Value with a Barcode coding.

Datatype: "Max8000Text" on page 1395

26.1.7.8.6.3 QRCodeBinaryValue <QRCDBinryVal>

Presence: [0..1]

Definition: Use for binary and Kanji Quick Response Code.

Datatype: "Max3000Binary" on page 1334

26.1.7.8.6.4 QRCodeVersion <QRCDVrsn>

Presence: [0..1]

Definition: Version of the Quick Response Code.

Datatype: "Max16Text" on page 1391

26.1.7.8.6.5 QRCodeEncodingMode <QRCDncodgMd>

Presence: [1..1]

Definition: Encoding Mode of Quick Response Code.

Datatype: "QRCodeEncodingMode1Code" on page 1376

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.

26.1.7.8.6.6 QRCodeErrorCorrection <QRCDerrCrrctn>

Presence: [0..1]

Definition: Error Correction mode of Quick Response Code.

Datatype: "QRCodeErrorCorrection1Code" on page 1376

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%

26.1.7.8.7 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 1388):

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

26.1.7.8.8 MinimumDisplayTime <MinDispTm>

Presence: [0..1]

Definition: Number of seconds the message has to be displayed.

Datatype: "Number" on page 1389

26.1.7.9 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		1224
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		1225
	Identification <Id>	[1..1]			1226
	ItemNumber <ItmNb>	[0..1]	Text		1226
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1226
	Identification <Id>	[0..1]	Text		1226
	SerialNumber <SrlNb>	[0..1]	Text		1226
	Status <Sts>	[0..1]			1226
	VersionNumber <VrsnNb>	[0..1]	Text		1227
	Status <Sts>	[0..1]	CodeSet		1227
	ExpiryDate <XpryDt>	[0..1]	Date		1227
	StandardCompliance <StdCmplc>	[0..*]			1227
	Identification <Id>	[1..1]	Text		1227
	Version <Vrsn>	[1..1]	Text		1228
	Issuer <Issr>	[1..1]	Text		1228
	Characteristics <Chrtcs>	[0..1]			1228
	Memory <Mmry>	[0..*]			1229
	Identification <Id>	[1..1]	Text		1230
	TotalSize <TtlSz>	[1..1]	Quantity		1230
	FreeSize <FreeSz>	[1..1]	Quantity		1230
	Unit <Unit>	[1..1]	CodeSet		1230
	Communication <Com>	[0..*]			1230
	CommunicationType <ComTp>	[1..1]	CodeSet		1231
	RemoteParty <RmotPty>	[1..*]	CodeSet		1232
	Active <Actv>	[1..1]	Indicator		1232
	Parameters <Params>	[0..1]	±		1232
	PhysicalInterface <PhysIntrfc>	[0..1]			1233
	InterfaceName <IntrfcNm>	[1..1]	Text		1233
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1233
	UserName <UsrNm>	[0..1]	Text		1234
	AccessCode <AccsCd>	[0..1]	Binary		1234

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		1234
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1234
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1235
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1235
	SecurityElement <SctyElmt>	[0..*]	±		1235
	Assessment <Assmnt>	[0..*]			1235
	Type <Tp>	[1..1]	CodeSet		1236
	Assigner <Assgnr>	[1..*]	Text		1236
	DeliveryDate <DlvryDt>	[0..1]	DateTime		1236
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1236
	Number <Nb>	[1..1]	Text		1236
	Package <Packg>	[0..*]			1237
	PackageIdentification <PackgId>	[0..1]	±		1237
	PackageLength <PackgLngh>	[0..1]	Quantity		1237
	OffsetStart <OffsetStart>	[0..1]	Quantity		1237
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1238
	PackageBlock <PackgBlck>	[0..*]			1238
	Identification <Id>	[1..1]	Text		1238
	Value <Val>	[0..1]	Binary		1238
	ProtectedValue <PrctcdVal>	[0..1]	±		1238
	Type <Tp>	[0..1]	Text		1239

26.1.7.9.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType6Code" on page 1374

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.

26.1.7.9.2 SubTypeInformation <SubTpInf>

Presence: [0..1]

Definition: Additional information regarding the type of the component.

Datatype: "Max70Text" on page 1394

26.1.7.9.3 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		1226
	ProviderIdentification <PrvdrId>	[0..1]	Text		1226
	Identification <Id>	[0..1]	Text		1226
	SerialNumber <SrlNb>	[0..1]	Text		1226

26.1.7.9.3.1 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 1393

26.1.7.9.3.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 1393

26.1.7.9.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max256Text" on page 1392

26.1.7.9.3.4 SerialNumber <SrlNb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max256Text" on page 1392

26.1.7.9.4 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		1227
	Status <Sts>	[0..1]	CodeSet		1227
	ExpiryDate <XpryDt>	[0..1]	Date		1227

26.1.7.9.4.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 1392

26.1.7.9.4.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 1374

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.

26.1.7.9.4.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 1386

26.1.7.9.5 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		1227
	Version <Vrsn>	[1..1]	Text		1228
	Issuer <Issr>	[1..1]	Text		1228

26.1.7.9.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 1393

26.1.7.9.5.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 1393

26.1.7.9.5.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 1393

26.1.7.9.6 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..*]			1229
	Identification <Id>	[1..1]	Text		1230
	TotalSize <TtlSz>	[1..1]	Quantity		1230
	FreeSize <FreeSz>	[1..1]	Quantity		1230
	Unit <Unit>	[1..1]	CodeSet		1230
	Communication <Com>	[0..*]			1230
	CommunicationType <ComTp>	[1..1]	CodeSet		1231
	RemoteParty <RmotPty>	[1..*]	CodeSet		1232
	Active <Actv>	[1..1]	Indicator		1232
	Parameters <Params>	[0..1]	±		1232
	PhysicalInterface <PhysIntrfc>	[0..1]			1233
	InterfaceName <IntrfcNm>	[1..1]	Text		1233
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1233
	UserName <UsrNm>	[0..1]	Text		1234
	AccessCode <AccsCd>	[0..1]	Binary		1234
	SecurityProfile <SctyPrfl>	[0..1]	Text		1234
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1234
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1235
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1235
	SecurityElement <SctyElmt>	[0..*]	±		1235

26.1.7.9.6.1 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		1230
	TotalSize <TtlSz>	[1..1]	Quantity		1230
	FreeSize <FreeSz>	[1..1]	Quantity		1230
	Unit <Unit>	[1..1]	CodeSet		1230

26.1.7.9.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification or name of the memory.

Datatype: "Max35Text" on page 1393

26.1.7.9.6.1.2 TotalSize <TtlSz>

Presence: [1..1]

Definition: Total size of the memory unit.

Datatype: "DecimalNumber" on page 1388

26.1.7.9.6.1.3 FreeSize <FreeSz>

Presence: [1..1]

Definition: Total size of the available memory.

Datatype: "DecimalNumber" on page 1388

26.1.7.9.6.1.4 Unit <Unit>

Presence: [1..1]

Definition: Memory unit of the sizes.

Datatype: "MemoryUnit1Code" on page 1365

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.

26.1.7.9.6.2 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		1231
	RemoteParty <RmotPty>	[1..*]	CodeSet		1232
	Active <Actv>	[1..1]	Indicator		1232
	Parameters <Params>	[0..1]	±		1232
	PhysicalInterface <PhysIntrfc>	[0..1]			1233
	InterfaceName <IntrfcNm>	[1..1]	Text		1233
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1233
	UserName <UsrNm>	[0..1]	Text		1234
	AccessCode <AccsCd>	[0..1]	Binary		1234
	SecurityProfile <SctyPrfl>	[0..1]	Text		1234
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1234

26.1.7.9.6.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 1373

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.

26.1.7.9.6.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 1372

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.

26.1.7.9.6.2.3 Active <Actv>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.9.6.2.4 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

26.1.7.9.6.2.5 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		1233
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		1233
	UserName <UsrNm>	[0..1]	Text		1234
	AccessCode <AccsCd>	[0..1]	Binary		1234
	SecurityProfile <SctyPrfl>	[0..1]	Text		1234
	AdditionalParameters <AddtlParams>	[0..1]	Binary		1234

26.1.7.9.6.2.5.1 InterfaceName <IntrfcNm>

Presence: [1..1]

Definition: Identification of the interface.

Datatype: "[Max35Text](#)" on page 1393

26.1.7.9.6.2.5.2 InterfaceType <IntrfcTp>

Presence: [0..1]

Definition: Identification of the physical link layer.

Datatype: "[POICommunicationType2Code](#)" on page 1373

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.

26.1.7.9.6.2.5.3 UserName <UsrNm>

Presence: [0..1]

Definition: Optional user name to provide to use this interface.

Datatype: "Max35Text" on page 1393

26.1.7.9.6.2.5.4 AccessCode <AccsCd>

Presence: [0..1]

Definition: Optional access code to provide to use this interface.

Datatype: "Max35Binary" on page 1334

26.1.7.9.6.2.5.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the optional security profile to use with this interface.

Datatype: "Max35Text" on page 1393

26.1.7.9.6.2.5.6 AdditionalParameters <AddtlParams>

Presence: [0..1]

Definition: Any other parameters relevant for this interface.

Datatype: "Max2KBinary" on page 1333

26.1.7.9.6.3 SecurityAccessModules <SctyAccsMdls>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: "Number" on page 1389

26.1.7.9.6.4 SubscriberIdentityModules <SbcbrldntyMdls>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: "Number" on page 1389

26.1.7.9.6.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "CryptographicKey16" on page 1305 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1306
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1306
	Name <Nm>	[0..1]	Text		1306
	SecurityProfile <SctyPrfl>	[0..1]	Text		1307
	ItemNumber <ItmNb>	[0..1]	Text		1307
	Version <Vrsn>	[1..1]	Text		1307
	Type <Tp>	[0..1]	CodeSet		1307
	Function <Fctn>	[0..*]	CodeSet		1308
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1308
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1308
	KeyValue <KeyVal>	[0..1]	±		1309
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1309
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1309
	Name <Nm>	[1..1]	Text		1309
	Value <Val>	[0..1]	Text		1309

26.1.7.9.7 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		1236
	Assigner <Assgnr>	[1..*]	Text		1236
	DeliveryDate <DlvryDt>	[0..1]	DateTime		1236
	ExpirationDate <XprtnDt>	[0..1]	DateTime		1236
	Number <Nb>	[1..1]	Text		1236

26.1.7.9.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of assessment of the component.

Datatype: "POIComponentAssessment1Code" on page 1374

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.

26.1.7.9.7.2 Assigner <Assgnr>

Presence: [1..*]

Definition: Body which has delivered the assessment.

Datatype: "Max35Text" on page 1393

26.1.7.9.7.3 DeliveryDate <DlvryDt>

Presence: [0..1]

Definition: Date when the assessment has been delivered.

Datatype: "ISODateTime" on page 1386

26.1.7.9.7.4 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Date when the assessment will expire.

Datatype: "ISODateTime" on page 1386

26.1.7.9.7.5 Number <Nb>

Presence: [1..1]

Definition: Unique assessment number for the component.

Datatype: "Max35Text" on page 1393

26.1.7.9.8 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
	Packageldentification <PackgId>	[0..1]	±		1237
	PackageLength <PackgLngh>	[0..1]	Quantity		1237
	OffsetStart <OffsetStart>	[0..1]	Quantity		1237
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		1238
	PackageBlock <PackgBlck>	[0..*]			1238
	Identification <Id>	[1..1]	Text		1238
	Value <Val>	[0..1]	Binary		1238
	ProtectedValue <PrctcdVal>	[0..1]	±		1238
	Type <Tp>	[0..1]	Text		1239

26.1.7.9.8.1 Packageldentification <PackgId>

Presence: [0..1]

Definition: Identification of the software packages of which the chunk belongs.

Packageldentification <PackgId> contains the following elements (see "[GenericIdentification176](#)" on page 1095 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1095
	Type <Tp>	[0..1]	CodeSet		1096
	Issuer <Issr>	[0..1]	CodeSet		1096
	Country <Ctry>	[0..1]	Text		1097
	ShortName <ShrtNm>	[0..1]	Text		1097

26.1.7.9.8.2 PackageLength <PackgLngh>

Presence: [0..1]

Definition: Full length of software package identified through Packageldentification.

Datatype: "[PositiveNumber](#)" on page 1389

26.1.7.9.8.3 OffsetStart <OffsetStart>

Presence: [0..1]

Definition: Place of the first following PackageBlock, beginning with 0, in the full software package identified through Packageldentification.

Datatype: "PositiveNumber" on page 1389

26.1.7.9.8.4 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 1389

26.1.7.9.8.5 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		1238
	Value <Val>	[0..1]	Binary		1238
	ProtectedValue <PrctcdVal>	[0..1]	±		1238
	Type <Tp>	[0..1]	Text		1239

26.1.7.9.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 1390

26.1.7.9.8.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 1333

26.1.7.9.8.5.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType30](#)" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

26.1.7.9.8.5.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 1390

26.1.7.10 ResponseType11

Definition: Response of a requested service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1239
	ResponseReason <RspnRsn>	[0..1]	CodeSet		1240
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1241

26.1.7.10.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the requested transaction.

Datatype: "[Response11Code](#)" on page 1376

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.

26.1.7.10.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detail of the response.

Datatype: "RetailerResultDetail1Code" on page 1377

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI

CodeName	Name	Definition
		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.

26.1.7.10.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information to be logged for further examination.

Datatype: "Max140Text" on page 1391

26.1.7.11 CustomerDevice3

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1241
	Type <Tp>	[0..1]	Text		1241
	Provider <Prvdr>	[0..1]	Text		1241

26.1.7.11.1 Identification <Id>

Presence: [0..1]

Definition: Identifier of the component.

Datatype: "Max35Text" on page 1393

26.1.7.11.2 Type <Tp>

Presence: [0..1]

Definition: Type of component.

Datatype: "Max70Text" on page 1394

26.1.7.11.3 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the component.

Datatype: "Max35Text" on page 1393

26.1.7.12 CustomerOrder1

Definition: Customer order attached to a customer, recorded in the POI system.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		1242
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		1242
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		1242
	StartDate <StartDt>	[1..1]	DateTime		1242
	EndDate <EndDt>	[0..1]	DateTime		1242
	Unit <Unit>	[0..1]	CodeSet		1243
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		1243
	CurrentAmount <CurAmt>	[0..1]	Amount		1243
	Currency <Ccy>	[0..1]	CodeSet	C1	1243
	AccessedBy <AccsdBy>	[0..1]	Text		1243
	AdditionalInformation <AddtlInf>	[0..1]	Text		1243

26.1.7.12.1 CustomerOrderIdentification <CstmrOrdrlId>

Presence: [1..1]

Definition: Identification of a customer order.

Datatype: "Max35Text" on page 1393

26.1.7.12.2 SaleReferenceIdentification <SaleRefId>

Presence: [1..1]

Definition: Identification of a Sale transaction for a sequence of related POI transactions.

Datatype: "Max35Text" on page 1393

26.1.7.12.3 OpenOrderState <OpnOrdStat>

Presence: [0..1]

Definition: Specifies if a customer order is currently open.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.12.4 StartDate <StartDt>

Presence: [1..1]

Definition: Date time of the beginning of an operation.

Datatype: "ISODateTime" on page 1386

26.1.7.12.5 EndDate <EndDt>

Presence: [0..1]

Definition: Date time of the end of an operation.

Datatype: "ISODateTime" on page 1386

26.1.7.12.6 Unit <Unit>

Presence: [0..1]

Definition: Unit of amount.

Datatype: "AmountUnit1Code" on page 1344

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.1.7.12.7 ForecastedAmount <FrcstdAmt>

Presence: [1..1]

Definition: Initial or global amount of the order.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.12.8 CurrentAmount <CurAmt>

Presence: [0..1]

Definition: Total amount of all completed transactions of a customer order.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.12.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 1336

Constraints

- **ActiveCurrency**

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

26.1.7.12.10 AccessedBy <AccsdBy>

Presence: [0..1]

Definition: Identification of an entity accessing data to perform an operation.

Datatype: "Max35Text" on page 1393

26.1.7.12.11 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Unqualified information related to customer order.

Datatype: "Max1025Text" on page 1390

26.1.7.13 PointOfInteractionCapabilities9

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		1244
	CardholderVerificationCapabilities <CrhdldrVrfctnCpblties>	[0..*]	CodeSet		1245
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		1245
	ApprovalCodeLength <ApprvICdLngh>	[0..1]	Quantity		1246
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1246
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1246
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		1246
	MessageCapabilities <MsgCpblties>	[0..*]			1246
	Destination <Dstn>	[1..*]	CodeSet		1247
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1247
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1247
	LineWidth <LineWidth>	[0..1]	Quantity		1247
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C6	1248

26.1.7.13.1 CardReadingCapabilities <CardRdngCpblties>

Presence: [0..*]

Definition: Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardDataReading8Code" on page 1350

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.

CodeName	Name	Definition
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

26.1.7.13.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

Presence: [0..*]

Definition: Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardholderVerificationCapability4Code" on page 1351

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.

26.1.7.13.3 PINLengthCapabilities <PINLnghCpblties>

Presence: [0..1]

Definition: Maximum number of digits the POI is able to accept when the cardholder enters its PIN.

Datatype: "PositiveNumber" on page 1389

26.1.7.13.4 ApprovalCodeLength <ApprvlCdLngh>

Presence: [0..1]

Definition: Maximum number of characters of the approval code the POI is able to manage.

Datatype: "PositiveNumber" on page 1389

26.1.7.13.5 MaxScriptLength <MxScrpLngth>

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 1389

26.1.7.13.6 CardCaptureCapable <CardCaptrCpbl>

Presence: [0..1]

Definition: True if the POI is able to capture card.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.13.7 OnLineCapabilities <OnLineCpblties>

Presence: [0..1]

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Datatype: "OnLineCapability1Code" on page 1368

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.

26.1.7.13.8 MessageCapabilities <MsgCpblties>

Presence: [0..*]

Definition: Capabilities of the terminal to display or print message to the cardholder and the merchant.

MessageCapabilities <MsgCpblties> contains the following **DisplayCapabilities4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[1..*]	CodeSet		1247
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1247
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1247
	LineWidth <LineWidth>	[0..1]	Quantity		1247
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C6	1248

26.1.7.13.8.1 Destination <Dstn>

Presence: [1..*]

Definition: Destination of the message to present.

Datatype: "UserInterface4Code" on page 1385

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.

26.1.7.13.8.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 1369

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.

26.1.7.13.8.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 1389

26.1.7.13.8.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 1389

26.1.7.13.8.5 AvailableLanguage <AvlblLang>

Presence: [0..*]

Definition: Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C6 "ValidationByTable"

Datatype: "LanguageCode" on page 1364

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.1.7.14 AggregationTransaction3

Definition: Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		1248
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		1248
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		1248
	IndividualPayment <IndvPmt>	[0..*]			1249
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Labl>	[0..1]	Text		1250

26.1.7.14.1 FirstPaymentDateTime <FrstPmtDtTm>

Presence: [0..1]

Definition: Date and time of the first payment.

Datatype: "ISODatetime" on page 1386

26.1.7.14.2 LastPaymentDateTime <LastPmtDtTm>

Presence: [0..1]

Definition: Date and time of the last payment.

Datatype: "ISODatetime" on page 1386

26.1.7.14.3 NumberOfPayments <NbOfPmts>

Presence: [0..1]

Definition: Total number of payments that has been aggregated.

Datatype: "Number" on page 1389

26.1.7.14.4 IndividualPayment <IndvPmt>

Presence: [0..*]

Definition: Individual payment that has been aggregated.

IndividualPayment <IndvPmt> contains the following **DetailedAmount21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1249
	DateTime <DtTm>	[1..1]	DateTime		1249
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1249
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1250
	Label <Labl>	[0..1]	Text		1250

26.1.7.14.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.14.4.2 DateTime <DtTm>

Presence: [1..1]

Definition: Date and time of the payment.

Datatype: "ISODateTime" on page 1386

26.1.7.14.4.3 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Card data entry mode for the related payment.

Datatype: "CardDataReading8Code" on page 1350

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.

CodeName	Name	Definition
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

26.1.7.14.4.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data of an integrated circuit card application for the related payment.

Datatype: "Max10000Binary" on page 1333

26.1.7.14.4.5 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 1391

26.1.7.15 Product6

Definition: Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		1251
	ProductCode <PdctCd>	[1..1]	Text		1251
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1253
	UnitPrice <UnitPric>	[0..1]	Amount		1253
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		1253
	ProductAmount <PdctAmt>	[1..1]	Amount		1254
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		1254
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		1254
	TaxType <TaxTp>	[0..1]	Text		1254
	ProductDescription <PdctDesc>	[0..1]	Text		1254
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1254
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		1254
	SaleChannel <SaleChanl>	[0..1]	Text		1255
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		1255

26.1.7.15.1 ItemIdentification <ItmId>

Presence: [0..1]

Definition: Identification of the item inside the purchase transaction.

Datatype: "Max35Text" on page 1393

26.1.7.15.2 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 1394

26.1.7.15.3 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 1394

26.1.7.15.4 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 1384

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.

CodeName	Name	Definition
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

26.1.7.15.5 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Product quantity.

Datatype: "DecimalNumber" on page 1388

26.1.7.15.6 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Price per unit of product.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.15.7 UnitPriceSign <UnitPricSgn>

Presence: [0..1]

Definition: Sign of the unit price.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1388):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

26.1.7.15.8 ProductAmount <PdctAmt>

Presence: [1..1]

Definition: Monetary value of purchased product.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.15.9 ProductAmountSign <PdctAmtSgn>

Presence: [0..1]

Definition: Sign of the product amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 1388):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

26.1.7.15.10 ValueAddedTax <ValAddedTax>

Presence: [0..1]

Definition: Value added tax amount of the item included in the product amount.

Datatype: "ImpliedCurrencyAndAmount" on page 1332

26.1.7.15.11 TaxType <TaxTp>

Presence: [0..1]

Definition: Information on tax paid on the product.

Datatype: "Max35Text" on page 1393

26.1.7.15.12 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 1391

26.1.7.15.13 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max10Text" on page 1390

26.1.7.15.14 DeliveryService <DlvrySvc>

Presence: [0..1]

Definition: Identify the method of delivery or distribution of the item.

Datatype: "AttendanceContext2Code" on page 1344

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.

26.1.7.15.15 SaleChannel <SaleChanI>

Presence: [0..1]

Definition: Commercial or distribution channel associated to the line item.

Datatype: "Max70Text" on page 1394

26.1.7.15.16 AdditionalProductDescription <AddtlPdctDesc>

Presence: [0..1]

Definition: Additional information related to the line item.

Datatype: "Max256Text" on page 1392

26.1.7.16 Vehicle1

Definition: Information related to a vehicle used during a transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		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
	Maintenanceldentification <Mntncld>	[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

26.1.7.16.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Number assigned to the vehicle for identification.

Datatype: "Max35NumericText" on page 1393

26.1.7.16.2 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Number assigned to the vehicle trailer for identification.

Datatype: "Max35NumericText" on page 1393

26.1.7.16.3 VehicleTag <VhclTag>

Presence: [0..1]

Definition: Registration tag of the vehicle.

Datatype: "Max35Text" on page 1393

26.1.7.16.4 VehicleTagEntryMode <VhclTagNtryMd>

Presence: [0..1]

Definition: Entry mode of the registration tag.

Datatype: "CardDataReading5Code" on page 1350

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.

26.1.7.16.5 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identification of the vehicle in the fleet.

Datatype: "Max35NumericText" on page 1393

26.1.7.16.6 ReplacementCar <RpIcmntCar>

Presence: [0..1]

Definition: True if the car is a replacement car.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

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

26.1.7.16.7 Odometer <Odmtr>

Presence: [0..1]

Definition: Odometer reading value indicating the distance travelled by the vehicle.

Datatype: "DecimalNumber" on page 1388

26.1.7.16.8 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer.

Datatype: "DecimalNumber" on page 1388

26.1.7.16.9 TrailerHours <TrlrHrs>

Presence: [0..1]

Definition: Number of hours the trailer has been in operation.

Datatype: "Max35Text" on page 1393

26.1.7.16.10 ReferHours <RefrHrs>

Presence: [0..1]

Definition: Number of hours the refer unit has been in operation.

Datatype: "Max35Text" on page 1393

26.1.7.16.11 Maintenanceldentification <Mntncld>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 1393

26.1.7.16.12 DriverOrVehicleCard <DrvrOrVhclCard>

Presence: [0..1]

Definition: Second card presented for the payment transaction.

DriverOrVehicleCard <DrvrOrVhclCard> contains the following **PlainCardData17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		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

26.1.7.16.12.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card.

Datatype: "Min8Max28NumericText" on page 1396

26.1.7.16.12.2 Track1 <Trck1>

Presence: [0..1]

Definition: ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max76Text" on page 1394

26.1.7.16.12.3 Track2 <Trck2>

Presence: [0..1]

Definition: ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max37Text" on page 1393

26.1.7.16.12.4 Track3 <Trck3>

Presence: [0..1]

Definition: ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max104Text" on page 1390

26.1.7.16.12.5 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

Datatype: "Max35Text" on page 1393

26.1.7.16.12.6 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the card.

Datatype: "CardDataReading5Code" on page 1350

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.

26.1.7.16.13 AdditionalVehicleData <AddtlVhclData>

Presence: [0..*]

Definition: Additional information related to the vehicle.

AdditionalVehicleData <AddtlVhclData> contains the following **Vehicle2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1260
	EntryMode <NtryMd>	[0..1]	CodeSet		1260
	Data <Data>	[1..1]	Text		1261

26.1.7.16.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 1393

26.1.7.16.13.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 1350

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.

26.1.7.16.13.3 Data <Data>

Presence: [1..1]

Definition: Information related to the vehicle.

Datatype: "Max35Text" on page 1393

26.1.7.17 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

26.1.7.17.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 1355

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).

26.1.7.17.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 1333

26.1.7.18 TransactionIdentifier1

Definition: Identification of the transaction in an unambiguous way.

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

26.1.7.18.1 TransactionDateTime <TxDtTm>

Presence: [1..1]

Definition: Local date and time of the transaction assigned by the POI (Point Of Interaction).

Datatype: "ISODateTime" on page 1386

26.1.7.18.2 TransactionReference <TxRef>

Presence: [1..1]

Definition: Identification of the transaction that has to be unique for a time period.

Datatype: "Max35Text" on page 1393

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 <RlyId> contains the following elements (see "[GenericIdentification177](#)" on page 1091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1091
	Type <Tp>	[0..1]	CodeSet		1091
	Issuer <Issr>	[0..1]	CodeSet		1092
	Country <Ctry>	[0..1]	Text		1093
	ShortName <ShrtNm>	[0..1]	Text		1093
	RemoteAccess <RmotAccs>	[0..1]	±		1093
	Geolocation <Glctn>	[0..1]			1093
	GeographicCoordinates <GeogcCordints>	[0..1]			1094
	Latitude <Lat>	[1..1]	Text		1094
	Longitude <Long>	[1..1]	Text		1094
	UTMCoordinates <UTMCordints>	[0..1]			1094
	UTMZone <UTMZone>	[1..1]	Text		1095
	UTMEastward <UTMEstwr>	[1..1]	Text		1095
	UTMNorthward <UTMNrthwr>	[1..1]	Text		1095

26.1.8.1.2 ProtocolName <PrtcolNm>

Presence: [0..1]

Definition: Name of the outgoing protocol used by the node.

Datatype: "[Max35Text](#)" on page 1393

26.1.8.1.3 ProtocolVersion <PrtcolVrsn>

Presence: [0..1]

Definition: Version of the protocol.

Datatype: "[Max6Text](#)" on page 1394

26.1.8.1.4 TraceDateTimeln <TracDtTmln>

Presence: [1..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 1386

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 1386

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 <CIntCert>	[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 1367

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 1394

26.1.9.1.2 UserName <UsrNm>

Presence: [0..1]

Definition: User name identifying the client.

Datatype: "Max35Text" on page 1393

26.1.9.1.3 AccessCode <AccsCd>

Presence: [0..1]

Definition: Password authenticating the client.

Datatype: "Max35Binary" on page 1334

26.1.9.1.4 ServerCertificate <SvrCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the server.

Datatype: "Max10KBinary" on page 1333

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 1333

26.1.9.1.6 ClientCertificate <ClntCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the client.

Datatype: "Max10KBinary" on page 1333

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 1393

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	C3	1267

26.1.10.1.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 1336

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 1394

26.1.10.1.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1394

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 1391

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 1391

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 1393

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 1393

26.1.10.1.8 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C3 "Country"

Datatype: "CountryCode" on page 1356

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 1336

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 1394

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 1394

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 1394

26.1.10.2.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1394

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 1391

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 1391

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 1394

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 1393

26.1.10.2.10 CountryCode <CtryCd>

Presence: [0..1]

Definition: Nation with its own government.

Datatype: "Min2Max3AlphaText" on page 1395

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 1389

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 1321 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1321

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 1333

26.1.11.2 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		1271
	Recipient <Rcpt>	[1..*]			1271
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1272
	Version <Vrsn>	[0..1]	Quantity		1273
	RecipientIdentification <RcptId>	[1..1]			1273
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1273
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrlNb>	[1..1]	Binary		1275
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1275
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1275
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1276
Or	KEK <KEK>	[1..1]			1276
	Version <Vrsn>	[0..1]	Quantity		1276
	KEKIdentification <KEKId>	[1..1]	±		1276
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1277
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1277
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1277
	MACAlgorithm <MACAlgo>	[1..1]	±		1278
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1278
	MAC <MAC>	[1..1]	Binary		1278

26.1.11.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1389

26.1.11.2.2 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or protection key identification used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient11Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1272
	Version <Vrsn>	[0..1]	Quantity		1273
	RecipientIdentification <RcptId>	[1..1]			1273
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1273
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrlNb>	[1..1]	Binary		1275
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1275
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1275
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1276
Or	KEK <KEK>	[1..1]			1276
	Version <Vrsn>	[0..1]	Quantity		1276
	KEKIdentification <KEKId>	[1..1]	±		1276
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1277
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1277
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1277

26.1.11.2.2.1 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		1273
	RecipientIdentification <Rcptld>	[1..1]			1273
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1273
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrlNb>	[1..1]	Binary		1275
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1275
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1275
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1276

26.1.11.2.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1389

26.1.11.2.2.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **Recipient12Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1273
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrlNb>	[1..1]	Binary		1275
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1275

26.1.11.2.2.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrInb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrInb>	[1..1]	Binary		1275

26.1.11.2.2.1.2.1.1 Issuer <Issr>

Presence: [1..1]

Definition: Certificate issuer name (see X.509).

Issuer <Issr> contains the following **CertificateIssuer1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275

26.1.11.2.2.1.2.1.1.1 RelativeDistinguishedName <RltvDstngshdNm>

Presence: [1..*]

Definition: Relative distinguished name inside a X.509 certificate.

RelativeDistinguishedName <RltvDstngshdNm> contains the following **RelativeDistinguishedName1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275

26.1.11.2.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1345

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).

26.1.11.2.2.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1391

26.1.11.2.2.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1334

26.1.11.2.2.1.2.2 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 850 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.11.2.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification19" on page 1322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1322
	Parameter <Param>	[0..1]			1322
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1323
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1323
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1324

26.1.11.2.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1334

26.1.11.2.2.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1276
	KEKIdentification <KEKId>	[1..1]	±		1276
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1277
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1277

26.1.11.2.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1389

26.1.11.2.2.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "[KEKIdentifier7](#)" on page 850 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.11.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "[AlgorithmIdentification29](#)" on page 1314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1314
	Parameter <Param>	[0..1]			1316
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1317
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1317
	BytePadding <BPddg>	[0..1]	CodeSet		1317

26.1.11.2.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "[Max500Binary](#)" on page 1334

26.1.11.2.2.3 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 850 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.11.2.3 MACAlgorithm <MACAlgo>

Presence: [1..1]

Definition: Algorithm to compute message authentication code (MAC).

MACAlgorithm <MACAlgo> contains the following elements (see "[AlgorithmIdentification22](#)" on page 1318 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1318
	Parameter <Param>	[0..1]			1320
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1320
	BytePadding <BPddg>	[0..1]	CodeSet		1320

26.1.11.2.4 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

26.1.11.2.5 MAC <MAC>

Presence: [1..1]

Definition: Message authentication code value.

Datatype: "[Max140Binary](#)" on page 1333

26.1.11.3 EnvelopedData9

Definition: Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1279
	OriginatorInformation <OrgtrlInf>	[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

26.1.11.3.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1389

26.1.11.3.2 OriginatorInformation <OrgtrInf>

Presence: [0..1]

Definition: Provides certificates of the originator.

OriginatorInformation <OrgtrInf> contains the following **OriginatorInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Certificate <Cert>	[0..*]	Binary		1280

26.1.11.3.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 1334

26.1.11.3.3 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or identification of the protection key used by the recipient.

Recipient <Rcpt> contains one of the following **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

26.1.11.3.3.1 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 <Rcptld>	[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 <Keyldr>	[1..1]	±		1284
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1284
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1285

26.1.11.3.3.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1389

26.1.11.3.3.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **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 <Keyldr>	[1..1]	±		1284

26.1.11.3.3.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrInb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1283
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1283
	AttributeType <AttrTp>	[1..1]	CodeSet		1283
	AttributeValue <AttrVal>	[1..1]	Text		1284
	SerialNumber <SrInb>	[1..1]	Binary		1284

26.1.11.3.3.1.2.1.1 Issuer <Issr>

Presence: [1..1]

Definition: Certificate issuer name (see X.509).

Issuer <Issr> contains the following **CertificateIssuer1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1283
	AttributeType <AttrTp>	[1..1]	CodeSet		1283
	AttributeValue <AttrVal>	[1..1]	Text		1284

26.1.11.3.3.1.2.1.1.1 RelativeDistinguishedName <RltvDstngshdNm>

Presence: [1..*]

Definition: Relative distinguished name inside a X.509 certificate.

RelativeDistinguishedName <RltvDstngshdNm> contains the following **RelativeDistinguishedName1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		1283
	AttributeValue <AttrVal>	[1..1]	Text		1284

26.1.11.3.3.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1345

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).

26.1.11.3.3.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1391

26.1.11.3.3.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1334

26.1.11.3.3.1.2.2 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 850 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.11.3.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification19" on page 1322 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1322
	Parameter <Param>	[0..1]			1322
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1323
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1323
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1324

26.1.11.3.3.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 1334

26.1.11.3.3.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1285
	KEKIdentification <KEKId>	[1..1]	±		1285
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1286
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1286

26.1.11.3.3.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1389

26.1.11.3.3.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "[KEKIdentifier7](#)" on page 850 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.11.3.3.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "[AlgorithmIdentification29](#)" on page 1314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1314
	Parameter <Param>	[0..1]			1316
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1317
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1317
	BytePadding <BPddg>	[0..1]	CodeSet		1317

26.1.11.3.3.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "[Max500Binary](#)" on page 1334

26.1.11.3.3.3 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 850 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.11.3.4 EncryptedContent <NcrptdCntt>

Presence: [0..1]

Definition: Data protection by encryption (digital envelope), with an encryption key.

EncryptedContent <NcrptdCntt> contains the following **EncryptedContent6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1287
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1287
	EncryptedData <NcrptdData>	[1..1]	Binary		1288

26.1.11.3.4.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been encrypted.

Datatype: "ContentType2Code" on page 1355

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).

26.1.11.3.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

Presence: [0..1]

Definition: Algorithm used to encrypt the data.

ContentEncryptionAlgorithm <CnttNcrptnAlgo> contains the following elements (see "AlgorithmIdentification29" on page 1314 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1314
	Parameter <Param>	[0..1]			1316
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1317
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1317
	BytePadding <BPddg>	[0..1]	CodeSet		1317

26.1.11.3.4.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data, result of the content encryption.

Datatype: "Max100KBinary" on page 1333

26.1.11.4 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		1288
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1289
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1289
	Certificate <Cert>	[0..*]	Binary		1289
	Signer <Sgnr>	[0..*]			1289
	Version <Vrsn>	[0..1]	Quantity		1290
	SignerIdentification <SgnrId>	[0..1]			1290
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1291
	Issuer <Issr>	[1..1]			1291
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1291
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292
	SerialNumber <SrlNb>	[1..1]	Binary		1292
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1292
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1293
	SignedAttributes <SgndAttrbts>	[0..*]			1293
	Name <Nm>	[1..1]	Text		1293
	Value <Val>	[0..1]	Text		1293
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1293
	Signature <Sgntr>	[1..1]	Binary		1294

26.1.11.4.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 1389

26.1.11.4.2 DigestAlgorithm <DgstAlgo>

Presence: [0..*]

Definition: Identification of digest algorithm applied before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification21](#)" on page 1321 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1321

26.1.11.4.3 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

26.1.11.4.4 Certificate <Cert>

Presence: [0..*]

Definition: Chain of X.509 certificates.

Datatype: "[Max5000Binary](#)" on page 1334

26.1.11.4.5 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		1290
	SignerIdentification <SgnrId>	[0..1]			1290
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1291
	Issuer <Issr>	[1..1]			1291
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1291
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292
	SerialNumber <SrlNb>	[1..1]	Binary		1292
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1292
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1293
	SignedAttributes <SgndAttrbts>	[0..*]			1293
	Name <Nm>	[1..1]	Text		1293
	Value <Val>	[0..1]	Text		1293
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1293
	Signature <Sgntr>	[1..1]	Binary		1294

26.1.11.4.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the Cryptographic Message Syntax (CMS) data structure.

Datatype: "Number" on page 1389

26.1.11.4.5.2 SignerIdentification <SgnrId>

Presence: [0..1]

Definition: Identification of the entity who has signed the data.

SignerIdentification <SgnrId> contains one of the following **Recipient12Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1291
	Issuer <Issr>	[1..1]			1291
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1291
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292
	SerialNumber <SrlNb>	[1..1]	Binary		1292
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1292

26.1.11.4.5.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrlNb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1291
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1291
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292
	SerialNumber <SrlNb>	[1..1]	Binary		1292

26.1.11.4.5.2.1.1 Issuer <Issr>

Presence: [1..1]

Definition: Certificate issuer name (see X.509).

Issuer <Issr> contains the following **CertificateIssuer1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1291
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292

26.1.11.4.5.2.1.1.1 RelativeDistinguishedName <RltvDstngshdNm>

Presence: [1..*]

Definition: Relative distinguished name inside a X.509 certificate.

RelativeDistinguishedName <RltvDstngshdNm> contains the following
RelativeDistinguishedName1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292

26.1.11.4.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 1345

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).

26.1.11.4.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 1391

26.1.11.4.5.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 1334

26.1.11.4.5.2.2 KeyIdentifier <Keyldr>

Presence: [1..1]

Definition: Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "[KEKIdentifier7](#)" on page 850 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		850
	KeyVersion <KeyVrsn>	[1..1]	Text		850
	SequenceNumber <SeqNb>	[0..1]	Quantity		850
	DerivationIdentification <DerivtnId>	[0..1]	Binary		850

26.1.11.4.5.3 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of a digest algorithm to apply before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification21](#)" on page 1321 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1321

26.1.11.4.5.4 SignedAttributes <SgndAttrbts>

Presence: [0..*]

Definition: Collection of attributes that are signed.

SignedAttributes <SgndAttrbts> contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1293
	Value <Val>	[0..1]	Text		1293

26.1.11.4.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "[Max70Text](#)" on page 1394

26.1.11.4.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "[Max140Text](#)" on page 1391

26.1.11.4.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "AlgorithmIdentification30" on page 1310 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1310
	Parameter <Param>	[0..1]			1311
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1312
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1313
	Algorithm <Algo>	[1..1]	CodeSet		1313
	Parameter <Param>	[0..1]			1313
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1313
	SaltLength <SaltLngth>	[0..1]	Quantity		1314
	TrailerField <TrlrFld>	[0..1]	Quantity		1314
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1314

26.1.11.4.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "Max3000Binary" on page 1334

26.1.11.5 ContentInformationType32

Definition: General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1294
	EnvelopedData <EnvlpdData>	[1..1]	±		1295

26.1.11.5.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1355

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).

CodeName	Name	Definition
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

26.1.11.5.2 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 <OrgtrlInf>	[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

26.1.11.6 ContentInformationType31

Definition: General cryptographic message syntax (CMS) containing authenticated data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1297
	AuthenticatedData <AuthntcdData>	[1..1]	±		1297

26.1.11.6.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1355

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).

26.1.11.6.2 AuthenticatedData <AuthntcdData>

Presence: [1..1]

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

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData8" on page 1270 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1271
	Recipient <Rcpt>	[1..*]			1271
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1272
	Version <Vrsn>	[0..1]	Quantity		1273
	RecipientIdentification <RcptId>	[1..1]			1273
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1273
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrlNb>	[1..1]	Binary		1275
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1275
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1275
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1276
Or	KEK <KEK>	[1..1]			1276
	Version <Vrsn>	[0..1]	Quantity		1276
	KEKIdentification <KEKId>	[1..1]	±		1276
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1277
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1277
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1277
	MACAlgorithm <MACAlgo>	[1..1]	±		1278
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1278
	MAC <MAC>	[1..1]	Binary		1278

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		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <Dgstddata>	[0..1]	±		1302

26.1.11.7.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1355

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 <EnvpdData> 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 <OrgtrlInf>	[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 1270 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1271
	Recipient <Rcpt>	[1..*]			1271
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1272
	Version <Vrsn>	[0..1]	Quantity		1273
	RecipientIdentification <RcptId>	[1..1]			1273
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1273
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrlNb>	[1..1]	Binary		1275
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1275
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1275
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1276
Or	KEK <KEK>	[1..1]			1276
	Version <Vrsn>	[0..1]	Quantity		1276
	KEKIdentification <KEKId>	[1..1]	±		1276
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1277
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1277
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1277
	MACAlgorithm <MACAlgo>	[1..1]	±		1278
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1278
	MAC <MAC>	[1..1]	Binary		1278

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 1288 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1288
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1289
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1289
	Certificate <Cert>	[0..*]	Binary		1289
	Signer <Sgnr>	[0..*]			1289
	Version <Vrsn>	[0..1]	Quantity		1290
	SignerIdentification <SgnrId>	[0..1]			1290
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1291
	Issuer <Issr>	[1..1]			1291
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1291
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292
	SerialNumber <SrlNb>	[1..1]	Binary		1292
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1292
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1293
	SignedAttributes <SgndAttrbts>	[0..*]			1293
	Name <Nm>	[1..1]	Text		1293
	Value <Val>	[0..1]	Text		1293
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1293
	Signature <Sgntr>	[1..1]	Binary		1294

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		1303
	AuthenticatedData <AuthntcdData>	[0..1]	±		1303
	SignedData <SgndData>	[0..1]	±		1304

26.1.11.8.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 1355

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 1270 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1271
	Recipient <Rcpt>	[1..*]			1271
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1272
	Version <Vrsn>	[0..1]	Quantity		1273
	RecipientIdentification <RcptId>	[1..1]			1273
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1273
	Issuer <Issr>	[1..1]			1274
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1274
	AttributeType <AttrTp>	[1..1]	CodeSet		1274
	AttributeValue <AttrVal>	[1..1]	Text		1275
	SerialNumber <SrlNb>	[1..1]	Binary		1275
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1275
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1275
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1276
Or	KEK <KEK>	[1..1]			1276
	Version <Vrsn>	[0..1]	Quantity		1276
	KEKIdentification <KEKId>	[1..1]	±		1276
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1277
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1277
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1277
	MACAlgorithm <MACAlgo>	[1..1]	±		1278
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1278
	MAC <MAC>	[1..1]	Binary		1278

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 1288 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1288
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1289
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1289
	Certificate <Cert>	[0..*]	Binary		1289
	Signer <Sgnr>	[0..*]			1289
	Version <Vrsn>	[0..1]	Quantity		1290
	SignerIdentification <SgnrId>	[0..1]			1290
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1291
	Issuer <Issr>	[1..1]			1291
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1291
	AttributeType <AttrTp>	[1..1]	CodeSet		1292
	AttributeValue <AttrVal>	[1..1]	Text		1292
	SerialNumber <SrlNb>	[1..1]	Binary		1292
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1292
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1293
	SignedAttributes <SgndAttrbts>	[0..*]			1293
	Name <Nm>	[1..1]	Text		1293
	Value <Val>	[0..1]	Text		1293
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1293
	Signature <Sgntr>	[1..1]	Binary		1294

26.1.11.9 CryptographicKey16

Definition: Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1306
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1306
	Name <Nm>	[0..1]	Text		1306
	SecurityProfile <SctyPrfl>	[0..1]	Text		1307
	ItemNumber <ItmNb>	[0..1]	Text		1307
	Version <Vrsn>	[1..1]	Text		1307
	Type <Tp>	[0..1]	CodeSet		1307
	Function <Fctn>	[0..*]	CodeSet		1308
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1308
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1308
	KeyValue <KeyVal>	[0..1]	±		1309
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1309
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1309
	Name <Nm>	[1..1]	Text		1309
	Value <Val>	[0..1]	Text		1309

26.1.11.9.1 Identification <Id>

Presence: [1..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 1392

26.1.11.9.2 AdditionalIdentification <AddtlId>

Presence: [0..1]

Definition: Additional identification of the key.

Usage

For derived unique key per transaction (DUKPT) keys, the key serial number (KSN) with the 21 bits of the transaction counter set to zero.

Datatype: "Max35Binary" on page 1334

26.1.11.9.3 Name <Nm>

Presence: [0..1]

Definition: Name of the Cryptographic Element.

Datatype: "Max256Text" on page 1392

26.1.11.9.4 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to which this element belongs.

Datatype: "Max35Text" on page 1393

26.1.11.9.5 ItemNumber <itmNb>

Presence: [0..1]

Definition: Hierarchical identification of a key inside all the key system. It is composed of all item numbers of the upper level components, separated by the '.' character, ended by the item number of the current component.

Datatype: "Max35Text" on page 1393

26.1.11.9.6 Version <Vrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max256Text" on page 1392

26.1.11.9.7 Type <Tp>

Presence: [0..1]

Definition: Type of algorithm used by the cryptographic key.

Datatype: "CryptographicKeyType3Code" on page 1356

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).

26.1.11.9.8 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 1363

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.

26.1.11.9.9 ActivationDate <Actvtndt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODateTime" on page 1386

26.1.11.9.10 DeactivationDate <Deactvtndt>

Presence: [0..1]

Definition: Date and time on which the key must be deactivated.

Datatype: "ISODateTime" on page 1386

26.1.11.9.11 KeyValue <KeyVal>

Presence: [0..1]

Definition: Encrypted cryptographic key.

KeyValue <KeyVal> contains the following elements (see "[ContentInformationType30](#)" on page 1298 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1299
	EnvelopedData <EnvlpdData>	[0..1]	±		1299
	AuthenticatedData <AuthntcdData>	[0..1]	±		1300
	SignedData <SgndData>	[0..1]	±		1301
	DigestedData <DgstdData>	[0..1]	±		1302

26.1.11.9.12 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "[Max35Binary](#)" on page 1334

26.1.11.9.13 AdditionalManagementInformation <AddtlMgmtInf>

Presence: [0..*]

Definition: Additional Information needed by the receiver to securely process the management of the security element.

AdditionalManagementInformation <AddtlMgmtInf> contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1309
	Value <Val>	[0..1]	Text		1309

26.1.11.9.13.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "[Max70Text](#)" on page 1394

26.1.11.9.13.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "[Max140Text](#)" on page 1391

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		1310
	Parameter <Param>	[0..1]			1311
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1312
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1313
	Algorithm <Algo>	[1..1]	CodeSet		1313
	Parameter <Param>	[0..1]			1313
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1313
	SaltLength <SaltLngth>	[0..1]	Quantity		1314
	TrailerField <TrlrFld>	[0..1]	Quantity		1314
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1314

26.1.11.10.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm25Code" on page 1342

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.

CodeName	Name	Definition
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.

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		1312
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1313
	Algorithm <Algo>	[1..1]	CodeSet		1313
	Parameter <Param>	[0..1]			1313
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1313
	SaltLength <SaltLngth>	[0..1]	Quantity		1314
	TrailerField <TrlrFld>	[0..1]	Quantity		1314
	OIDCurveName <OIDCrvNm>	[0..1]	Text		1314

26.1.11.10.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1337

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).

CodeName	Name	Definition
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

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		1313
	Parameter <Param>	[0..1]			1313
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1313

26.1.11.10.2.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 1344

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA digital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

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		1313

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 1337

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).

CodeName	Name	Definition
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).

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 1389

26.1.11.10.2.4 TrailerField <TrlrFld>

Presence: [0..1]

Definition: Trailer field number.

Datatype: "Number" on page 1389

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 1391

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		1314
	Parameter <Param>	[0..1]			1316
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1317
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1317
	BytePadding <BPddg>	[0..1]	CodeSet		1317

26.1.11.11.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm24Code" on page 1340

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.

CodeName	Name	Definition
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

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		1317
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		1317
	BytePadding <BPddg>	[0..1]	CodeSet		1317

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 1359

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.

26.1.11.11.2.2 InitialisationVector <InitlstrVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 1334

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 1349

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		1318
	Parameter <Param>	[0..1]			1320
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1320
	BytePadding <BPddg>	[0..1]	CodeSet		1320

26.1.11.12.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the MAC algorithm.

Datatype: "Algorithm17Code" on page 1338

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the

CodeName	Name	Definition
		National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.

CodeName	Name	Definition
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA2	CMACAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA3	CMACAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

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 <InitIstnVctr>	[0..1]	Binary		1320
	BytePadding <BPddg>	[0..1]	CodeSet		1320

26.1.11.12.2.1 InitialisationVector <InitIstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 1334

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 1349

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		1321

26.1.11.13.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 1337

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).

CodeName	Name	Definition
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

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		1322
	Parameter <Param>	[0..1]			1322
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1323
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1323
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1324

26.1.11.14.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 1343

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		1323
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1323
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1324

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 1359

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 1337

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).

CodeName	Name	Definition
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

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 1324 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1324
	Parameter <Param>	[0..1]			1325
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1325

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		1324
	Parameter <Param>	[0..1]			1325
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1325

26.1.11.15.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 1344

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA digital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

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		1325

26.1.11.15.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm16Code" on page 1337

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).

26.1.12 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		1326
	PostCodeIdentification <PstCdId>	[1..1]	Text		1326
	TownName <TwnNm>	[1..1]	Text		1326
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		1326
	Country <Ctry>	[1..1]	CodeSet	C3	1326

26.1.12.1.1 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 1394

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 1391

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 1393

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 1393

26.1.12.1.5 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C3 "Country"

Datatype: "CountryCode" on page 1356

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		1327
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1327
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1327
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1327
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1328
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1328

26.1.13.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 1391

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 1390

26.1.13.1.3 TokenRequestorIdentification <TknRqstrld>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 1391

26.1.13.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 1391

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 1392

26.1.13.1.6 TokenInitiatedIndicator <TknInittldInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

- *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		1328
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1328
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1329
	TokenRequestor <TknRqstr>	[0..1]			1329
	ProviderIdentification <PrvdrlId>	[1..1]	Text		1329
	RequestorIdentification <RqstrId>	[1..1]	Text		1329
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1329
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1329
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1329
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1330

26.1.13.2.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max35Text" on page 1393

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 1390

26.1.13.2.3 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 1393

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		1329
	RequestorIdentification <RqstrId>	[1..1]	Text		1329

26.1.13.2.4.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 1393

26.1.13.2.4.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 1393

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 1389

26.1.13.2.6 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 1334

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 1392

26.1.13.2.8 TokenInitiatedIndicator <TknInittndInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

- *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		1330
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1330
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		1330
	TokenCharacteristic <TknChrtc>	[0..*]	Text		1331
	TokenRequestor <TknRqstr>	[0..1]			1331
	ProviderIdentification <PrvdrlId>	[1..1]	Text		1331
	RequestorIdentification <RqstrId>	[1..1]	Text		1331
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		1331
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		1331
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1331
	TokenInitiatedIndicator <TknInittndInd>	[0..1]	Indicator		1332

26.1.13.3.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Min8Max28NumericText" on page 1396

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 1395

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 1390

26.1.13.3.4 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 1393

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		1331
	RequestorIdentification <RqstrId>	[1..1]	Text		1331

26.1.13.3.5.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 1393

26.1.13.3.5.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 1393

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 1389

26.1.13.3.7 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 1334

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 1392

26.1.13.3.9 TokenInitiatedIndicator <TknInittInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1388):

- *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 1357

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.

CodeName	Name	Definition
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.

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.

CodeName	Name	Definition
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).

CodeName	Name	Definition
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).

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.

CodeName	Name	Definition
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.

CodeName	Name	Definition
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA2	CMACAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA3	CMACAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

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.

CodeName	Name	Definition
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing

CodeName	Name	Definition
		Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

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

CodeName	Name	Definition
		#1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ES33	EcdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.

26.2.3.10 Algorithm7Code

Definition: Asymmetric encryption algorithm of a transport key.

Type: CodeSet

CodeName	Name	Definition
ERSA	RSASignature	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).

CodeName	Name	Definition
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

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 digital 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.

CodeName	Name	Definition
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).
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).

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

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.

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

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.
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.

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
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.

26.2.3.28 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.
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.
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.

CodeName	Name	Definition
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

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

CodeName	Name	Definition
		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.

CodeName	Name	Definition
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).
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.

CodeName	Name	Definition
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 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.

CodeName	Name	Definition
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
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.

CodeName	Name	Definition
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.

CodeName	Name	Definition
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 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.
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.

CodeName	Name	Definition
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.

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.
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.

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

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	Delegatelssuer	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.

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
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	DelegatIssuer	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.

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.

26.2.3.73 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.
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.

CodeName	Name	Definition
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

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.
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 successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

26.2.3.85 Response9Code

Definition: Result of the performed service.

Type: CodeSet

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

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...).

CodeName	Name	Definition
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.

26.2.3.87 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.
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	AAMVFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.
E13B	E13BCheckFormat	Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.
ISOF	ISOFormat	ISO card track format - ISO 7813 - ISO 4909.
JIS1	JISIFormat	Japanese track format I.
JIS2	JISIIFormat	Japanese track format II.

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.
RESA	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}
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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}
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26.2.10.2 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.

Type: Text

Format

pattern	[0-9]{3}
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26.2.10.3 Exact4NumericText

Definition: Specifies a numeric string with an exact length of 4 digits.

Type: Text

Format

pattern	[0-9]{4}
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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}
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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}
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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}
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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
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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}
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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}
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