

ISO 20022

Card Payments Exchanges - Acceptor to Acquirer - Maintenance 2024 - 2025

Message Definition Report - Part 2

Approved by the Cards and Related Retail Financial Services SEG
on 20 February 2025

This document provides details of the Message Definitions for Card Payments Exchanges - Acceptor to Acquirer -
Maintenance 2024 - 2025.

March 2025

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1 Message Set Overview

Introduction

This document describes the Card Payments Exchanges - Acceptor to Acquirer message set. It includes the new version of the MessageDefinitions that have been added as part of the maintenance cycle 2024-2025 (See MCR #250) and approved by the Cards and Related Retail Financial Services Standards Evaluation Group on 20 February 2025.

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caaa.001.001.14 AcceptorAuthorisationRequestV14	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.002.001.14 AcceptorAuthorisationResponseV14	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.003.001.14 AcceptorCompletionAdviceV14	<p>The AcceptorCompletionAdvice message is sent by an acceptor (or its agent) to notify the acquirer (or its agent) of the outcome of the payment at the acceptor, and to transfer the financial data of the transaction to the acquirer (capture).</p> <p>A AcceptorCompletionAdvice message is also sent to reverse an approved authorisation and any associated financial transfer (capture), if the card payment transaction could not be completed successfully.</p>
caaa.004.001.13 AcceptorCompletionAdviceResponseV13	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.005.001.14 AcceptorCancellationRequestV14	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.006.001.13 AcceptorCancellationResponseV13	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.007.001.14 AcceptorCancellationAdviceV14	The AcceptorCancellationAdvice message is sent by an acceptor (or its agent) to notify the acquirer (or its agent) of the cancellation of a successfully completed transaction. The transaction has been completed without financial transfer, or the acceptor is aware that the transaction was not cleared by the acquirer.

MessageDefinition	Definition
caaa.008.001.13 AcceptorCancellationAdviceResponseV13	The AcceptorCancellationAdviceResponse message is sent by the acquirer (or its agent) to acknowledge the acceptor (or its agent) about the notification of the payment cancellation.
caaa.009.001.13 AcceptorReconciliationRequestV13	<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.010.001.12 AcceptorReconciliationResponseV12	<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.011.001.14 AcceptorBatchTransferV14	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.012.001.13 AcceptorBatchTransferResponseV13	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.013.001.13 AcceptorDiagnosticRequestV13	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.014.001.12 AcceptorDiagnosticResponseV12	The AcceptorDiagnosticResponse message is sent by the acquirer (or its agent) to provide to the acceptor the result of the diagnostic request.
caaa.015.001.06 AcceptorRejectionV06	The AcceptorRejection message is sent by the acquirer (or its agent) to reject a message request or advice sent by an acceptor (or its agent), to indicate that the received message could not be processed.
caaa.016.001.12 AcceptorCurrencyConversionRequestV12	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.017.001.12 AcceptorCurrencyConversionResponseV12	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.018.001.09 AcceptorCurrencyConversionAdviceV09	The AcceptorCurrencyConversionAdvice message is sent by the card acceptor to inform the currency conversion service provider of the outcome of the card currency conversion.

MessageDefinition	Definition
caaa.019.001.08 AcceptorCurrencyConversionAdviceResponseV08	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.020.001.06 TransactionAdviceV06	The TransactionAdvice message is sent by the Acquirer (or Agent) to provide to the POI the outcome of a transaction processed outside of this protocol.
caaa.021.001.06 TransactionAdviceResponseV06	The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.
caaa.022.001.05 AcceptorNonFinancialRequestV05	The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).
caaa.023.001.05 AcceptorNonFinancialResponseV05	The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.
caaa.024.001.05 AcceptorTransactionLogReportRequestV05	The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.
caaa.025.001.05 AcceptorTransactionLogReportResponseV05	This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.
caaa.026.001.02 AcceptorToAcquirerBatchFileExchangeV02	The AcceptorToAcquirerBatchFileExchangemessage is sent by an acceptor (or its agent) to the acquirer (or its agent), to send a batch of request.
caaa.027.001.02 AcquirerToAcceptorBatchFileExchangeV02	The AcquirerToAcceptorBatchFileExchange message is sent by an acquirer (or its agent) to the acceptor (or its agent), to send a batch of response.

2 caaa.001.001.14 AcceptorAuthorisationRequestV14

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 AcceptorAuthorisationRequestV14 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]			17
	MessageFunction <MsgFctn>	[1..1]	CodeSet		18
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		19
	ExchangeIdentification <XchgId>	[1..1]	Quantity		19
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		19
	CreationDateTime <CreDtTm>	[1..1]	DateTime		19
	InitiatingParty <InitgPty>	[1..1]	±		20
	RecipientParty <RcptPty>	[0..1]	±		20
	Traceability <Tracblt>	[0..*]	±		21
	AuthorisationRequest <AuthstnReq>	[1..1]			21
	Environment <Envt>	[1..1]	±	C9	28
	Context <Cntxt>	[1..1]		C10	34
	PaymentContext <PmtCntxt>	[0..1]			37
	CardPresent <CardPres>	[0..1]	Indicator		37
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		37
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		38
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		38
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		38
	TransactionChannel <TxChanl>	[0..1]	CodeSet		38
	BusinessArea <BizArea>	[0..1]	CodeSet		39
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		39
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	39
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		40
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		40
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		41
	SaleContext <SaleCntxt>	[0..1]			41
	SaleIdentification <SaleId>	[0..1]	Text		42
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		42
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		43

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		43
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	43
	ShiftNumber <ShftNb>	[0..1]	Text		43
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		43
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		43
	InvoiceNumber <InvNb>	[0..1]	Text		43
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		44
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			44
	CommonName <CmonNm>	[1..1]	Text		44
	Address <Adr>	[0..1]	Text		44
	CountryCode <CtryCd>	[1..1]	CodeSet		44
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		44
	RegisteredIdentifier <RegIdr>	[1..1]	Text		44
	SplitPayment <SpltPmt>	[0..1]	Indicator		45
	RemainingAmount <RmngAmt>	[0..1]	Amount		45
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		45
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		45
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		45
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		46
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		46
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	46
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		47
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		47
	SystemToNotify <SysToNtfy>	[0..1]	Text		47
	Debtor <Dbtr>	[0..1]	±		48
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	49
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		49
	Creditor <Cdtr>	[0..1]	±		49
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	50
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		51
	DirectDebitContext <DrctDbtCntxt>	[0..1]			51

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		52
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	53
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		54
	Creditor <Cdtr>	[0..1]	±		54
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	55
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		56
	MandateRelatedInformation <MndtRltdInf>	[1..1]			56
	MandateIdentification <MndtId>	[1..1]	Text		57
	DateOfSignature <DtOfSgntr>	[0..1]	Date		57
	MandateImage <MndtImg>	[0..1]	Binary		57
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		57
	Transaction <Tx>	[1..1]			57
	TransactionCapture <TxCaptr>	[1..1]	Indicator		61
	TransactionType <TxTp>	[0..1]	CodeSet		62
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		62
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		63
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		64
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		64
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		64
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		64
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		64
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		64
	TransactionIdentification <TxId>	[1..1]	±		65
	OriginalTransaction <OrgnlTx>	[0..1]	±		65
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		65
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		66
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		66
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		66
	TransactionDetails <TxDtls>	[1..1]			66
	Currency <Ccy>	[0..1]	CodeSet	C1	69
	TotalAmount <TtlAmt>	[1..1]	Amount		69

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		69
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		69
	DetailedAmount <DtlAmt>	[0..1]	±		69
	RequestedAmount <ReqdAmt>	[0..1]	Amount		70
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		70
	InvoiceAmount <InvcAmt>	[0..1]	Amount		70
	ValidityDate <VldtyDt>	[0..1]	Date		70
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		70
	UnattendedLevelCategory <UatnddlvlCtgy>	[0..1]	Text		71
	AccountType <AcctTp>	[0..1]	CodeSet		71
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			72
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		74
	Conversion <Convs>	[0..1]			74
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		76
	TargetCurrency <TrgtCcy>	[1..1]			76
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	76
	NumericCode <NmrcCd>	[1..1]	Text		76
	Decimal <Dcml>	[1..1]	Quantity		76
	Name <Nm>	[0..1]	Text		76
	ResultingAmount <RsltAmt>	[0..1]	Amount		77
	ExchangeRate <XchgRate>	[1..1]	Rate		77
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		77
	QuotationDate <QtnDt>	[0..1]	DateTime		77
	ValidFrom <VldFr>	[0..1]	DateTime		77
	ValidUntil <VldUntil>	[0..1]	DateTime		77
	SourceCurrency <SrcCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	78
	NumericCode <NmrcCd>	[0..1]	Text		78
	Decimal <Dcml>	[0..1]	Quantity		78
	Name <Nm>	[0..1]	Text		78
	ApplicableBinRange <ApblBinRg>	[0..*]			78

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		79
	HigherBin <HghrBin>	[1..1]	Text		79
	OriginalAmount <OrgnlAmt>	[0..1]			79
	ActualAmount <ActlAmt>	[0..1]	Amount		79
	MinimumAmount <MinAmt>	[0..1]	Amount		79
	MaximumAmount <MaxAmt>	[0..1]	Amount		79
	CommissionDetails <ComssnDtls>	[0..*]			80
	Amount <Amt>	[1..1]	Amount		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	MarkUpDetails <MrkUpDtls>	[0..*]			80
	Rate <Rate>	[1..1]	Rate		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	DeclarationDetails <DclrtnDtls>	[0..*]	±		80
	Instalment <Instlmt>	[0..*]	±		81
	Recurring <Rcrng>	[0..1]	±		82
	AggregationTransaction <AggtnTx>	[0..1]	±		83
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		83
	SaleItem <Saleitm>	[0..*]	±		83
	DeliveryLocation <DlvryLctn>	[0..1]	Text		84
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		84
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		84
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		84
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		85
	AdditionalInformation <AddtlInf>	[0..*]			85
	Identification <Id>	[1..1]	Text		85
	Value <Val>	[0..1]	Binary		85
	ProtectedValue <PrctcdVal>	[0..1]	±		85
	Type <Tp>	[0..1]	Text		86
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		86
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		86
	AccountFrom <AcctFr>	[0..1]			86

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		87
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		88
	AccountName <AcctNm>	[0..1]	Text		88
	AccountOwner <AcctOwnr>	[0..1]			89
	Name <Nm>	[1..1]	Text		89
	Address <Adr>	[1..1]	±		89
	Currency <Ccy>	[0..1]	CodeSet	C1	89
	AccountIdentifier <AcctIdr>	[0..1]			90
{Or	Card <Card>	[1..1]	Text		90
Or	MSISDN <MSISDN>	[1..1]	Text		90
Or	EMail <EMail>	[1..1]	Text		90
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	90
Or	BBAN <BBAN>	[1..1]	IdentifierSet		91
Or	UPIC <UPIC>	[1..1]	IdentifierSet		91
Or	Domestic <Dmst>	[1..1]	Text		91
Or}	Other <Othr>	[1..1]	Text		91
	Servicer <Svcr>	[0..1]			91
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	92
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		92
	AccountTo <AcctTo>	[0..1]			92
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		93
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		94
	AccountName <AcctNm>	[0..1]	Text		94
	AccountOwner <AcctOwnr>	[0..1]			95
	Name <Nm>	[1..1]	Text		95
	Address <Adr>	[1..1]	±		95
	Currency <Ccy>	[0..1]	CodeSet	C1	95
	AccountIdentifier <AcctIdr>	[0..1]			96
{Or	Card <Card>	[1..1]	Text		96
Or	MSISDN <MSISDN>	[1..1]	Text		96
Or	EMail <EMail>	[1..1]	Text		96

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	96
Or	BBAN <BBAN>	[1..1]	IdentifierSet		97
Or	UPIC <UPIC>	[1..1]	IdentifierSet		97
Or	Domestic <Dmst>	[1..1]	Text		97
Or}	Other <Othr>	[1..1]	Text		97
	Servicer <Svcr>	[0..1]			97
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	98
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		98
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		98
	SupplementaryData <SplmtryData>	[0..*]	±	C12	98
	SecurityTrailer <SctyTrlr>	[0..1]	±		99

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 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

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

C5 CurrencyAmount

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

Note: The decimal separator is a dot.

C6 IBAN

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

C7 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C8 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 OneElementPresenceRule

At least one of these subelements must be present.

C12 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.

C13 ValidationByTable

Must be a valid terrestrial language.

2.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

2.4.1 Header <Hdr>

Presence: [1..1]

Definition: Authorisation request message management information.

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

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

2.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.

CodeName	Name	Definition
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

2.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

2.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

2.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

2.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

2.4.2 AuthorisationRequest <AuthstnReq>

Presence: [1..1]

Definition: Information related to the authorisation request.

AuthorisationRequest <AuthstnReq> contains the following **AcceptorAuthorisationRequest14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	28
	Context <Cntxt>	[1..1]		C10	34
	PaymentContext <PmtCntxt>	[0..1]			37
	CardPresent <CardPres>	[0..1]	Indicator		37
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		37
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		38
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		38
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		38
	TransactionChannel <TxChanl>	[0..1]	CodeSet		38
	BusinessArea <BizArea>	[0..1]	CodeSet		39
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		39
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	39
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		40
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		40
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		41
	SaleContext <SaleCntxt>	[0..1]			41
	SaleIdentification <SaleId>	[0..1]	Text		42
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		42
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		43
	CashierIdentification <CshrlId>	[0..1]	Text		43
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	43
	ShiftNumber <ShftNb>	[0..1]	Text		43
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		43
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		43
	InvoiceNumber <InvNb>	[0..1]	Text		43
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		44
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			44
	CommonName <CmonNm>	[1..1]	Text		44
	Address <Adr>	[0..1]	Text		44
	CountryCode <CtryCd>	[1..1]	CodeSet		44

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		44
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		44
	SplitPayment <SpltPmt>	[0..1]	Indicator		45
	RemainingAmount <RmngAmt>	[0..1]	Amount		45
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		45
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		45
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		45
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		46
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		46
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	46
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		47
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		47
	SystemToNotify <SysToNtfy>	[0..1]	Text		47
	Debtor <Dbtr>	[0..1]	±		48
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	49
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		49
	Creditor <Cdtr>	[0..1]	±		49
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	50
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		51
	DirectDebitContext <DrctDbtCntxt>	[0..1]			51
	Debtor <Dbtr>	[0..1]	±		52
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	53
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		54
	Creditor <Cdtr>	[0..1]	±		54
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	55
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		56
	MandateRelatedInformation <MndtRltdInf>	[1..1]			56
	MandateIdentification <MndtId>	[1..1]	Text		57
	DateOfSignature <DtOfSgntr>	[0..1]	Date		57
	MandateImage <MndtImg>	[0..1]	Binary		57
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		57

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Transaction <Tx>	[1..1]			57
	TransactionCapture <TxCaptr>	[1..1]	Indicator		61
	TransactionType <TxTp>	[0..1]	CodeSet		62
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		62
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		63
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		64
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		64
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		64
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		64
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		64
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		64
	TransactionIdentification <TxId>	[1..1]	±		65
	OriginalTransaction <OrgnlTx>	[0..1]	±		65
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		65
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		66
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		66
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		66
	TransactionDetails <TxDtls>	[1..1]			66
	Currency <Ccy>	[0..1]	CodeSet	C1	69
	TotalAmount <TtlAmt>	[1..1]	Amount		69
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		69
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		69
	DetailedAmount <DtldAmt>	[0..1]	±		69
	RequestedAmount <ReqdAmt>	[0..1]	Amount		70
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		70
	InvoiceAmount <InvAmt>	[0..1]	Amount		70
	ValidityDate <VldtyDt>	[0..1]	Date		70
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		70
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		71
	AccountType <AcctTp>	[0..1]	CodeSet		71
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			72

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		74
	Conversion <Convs>	[0..1]			74
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		76
	TargetCurrency <TrgtCcy>	[1..1]			76
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	76
	NumericCode <NmrcCd>	[1..1]	Text		76
	Decimal <Dcml>	[1..1]	Quantity		76
	Name <Nm>	[0..1]	Text		76
	ResultingAmount <RsltAmt>	[0..1]	Amount		77
	ExchangeRate <XchgRate>	[1..1]	Rate		77
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		77
	QuotationDate <QtnDt>	[0..1]	DateTime		77
	ValidFrom <VldFr>	[0..1]	DateTime		77
	ValidUntil <VldUntil>	[0..1]	DateTime		77
	SourceCurrency <SrcCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	78
	NumericCode <NmrcCd>	[0..1]	Text		78
	Decimal <Dcml>	[0..1]	Quantity		78
	Name <Nm>	[0..1]	Text		78
	ApplicableBinRange <AplblBinRg>	[0..*]			78
	LowerBin <LwrBin>	[1..1]	Text		79
	HigherBin <HghrBin>	[1..1]	Text		79
	OriginalAmount <OrgnlAmt>	[0..1]			79
	ActualAmount <ActlAmt>	[0..1]	Amount		79
	MinimumAmount <MinAmt>	[0..1]	Amount		79
	MaximumAmount <MaxAmt>	[0..1]	Amount		79
	CommissionDetails <ComssnDtls>	[0..*]			80
	Amount <Amt>	[1..1]	Amount		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	MarkUpDetails <MrkUpDtls>	[0..*]			80
	Rate <Rate>	[1..1]	Rate		80

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	DeclarationDetails <DclrtnDtls>	[0..*]	±		80
	Instalment <Instlmt>	[0..*]	±		81
	Recurring <Rcrng>	[0..1]	±		82
	AggregationTransaction <AggtnTx>	[0..1]	±		83
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		83
	SaleItem <Saleitm>	[0..*]	±		83
	DeliveryLocation <DlvryLctn>	[0..1]	Text		84
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		84
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		84
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		84
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		85
	AdditionalInformation <AddtlInf>	[0..*]			85
	Identification <Id>	[1..1]	Text		85
	Value <Val>	[0..1]	Binary		85
	ProtectedValue <PrctcdVal>	[0..1]	±		85
	Type <Tp>	[0..1]	Text		86
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		86
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		86
	AccountFrom <AcctFr>	[0..1]			86
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		87
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		88
	AccountName <AcctNm>	[0..1]	Text		88
	AccountOwner <AcctOwnr>	[0..1]			89
	Name <Nm>	[1..1]	Text		89
	Address <Adr>	[1..1]	±		89
	Currency <Ccy>	[0..1]	CodeSet	C1	89
	AccountIdentifier <AcctIdr>	[0..1]			90
{Or	Card <Card>	[1..1]	Text		90
Or	MSISDN <MSISDN>	[1..1]	Text		90
Or	Email <EMail>	[1..1]	Text		90

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	90
Or	BBAN <BBAN>	[1..1]	IdentifierSet		91
Or	UPIC <UPIC>	[1..1]	IdentifierSet		91
Or	Domestic <Dmst>	[1..1]	Text		91
Or}	Other <Othr>	[1..1]	Text		91
	Servicer <Svcr>	[0..1]			91
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	92
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		92
	AccountTo <AcctTo>	[0..1]			92
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		93
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		94
	AccountName <AcctNm>	[0..1]	Text		94
	AccountOwner <AcctOwnr>	[0..1]			95
	Name <Nm>	[1..1]	Text		95
	Address <Adr>	[1..1]	±		95
	Currency <Ccy>	[0..1]	CodeSet	C1	95
	AccountIdentifier <AcctIdr>	[0..1]			96
{Or	Card <Card>	[1..1]	Text		96
Or	MSISDN <MSISDN>	[1..1]	Text		96
Or	EMail <EMail>	[1..1]	Text		96
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	96
Or	BBAN <BBAN>	[1..1]	IdentifierSet		97
Or	UPIC <UPIC>	[1..1]	IdentifierSet		97
Or	Domestic <Dmst>	[1..1]	Text		97
Or}	Other <Othr>	[1..1]	Text		97
	Servicer <Svcr>	[0..1]			97
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	98
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		98
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		98
	SupplementaryData <SplmtryData>	[0..*]	±	C12	98

2.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "CardPaymentEnvironment81" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

2.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			37
	CardPresent <CardPres>	[0..1]	Indicator		37
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		37
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		38
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		38
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		38
	TransactionChannel <TxChanl>	[0..1]	CodeSet		38
	BusinessArea <BizArea>	[0..1]	CodeSet		39
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		39
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	39
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		40
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		40
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		41
	SaleContext <SaleCntxt>	[0..1]			41
	SaleIdentification <SaleId>	[0..1]	Text		42
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		42
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		43
	CashierIdentification <CshrId>	[0..1]	Text		43
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	43
	ShiftNumber <ShftNb>	[0..1]	Text		43
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		43
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		43
	InvoiceNumber <InvNb>	[0..1]	Text		43
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		44
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			44
	CommonName <CmonNm>	[1..1]	Text		44
	Address <Adr>	[0..1]	Text		44
	CountryCode <CtryCd>	[1..1]	CodeSet		44
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		44
	RegisteredIdentifier <Regldr>	[1..1]	Text		44
	SplitPayment <SpltPmt>	[0..1]	Indicator		45

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		45
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		45
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		45
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		45
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		46
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		46
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	46
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		47
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		47
	SystemToNotify <SysToNtfy>	[0..1]	Text		47
	Debtor <Dbtr>	[0..1]	±		48
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	49
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		49
	Creditor <Cdtr>	[0..1]	±		49
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	50
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		51
	DirectDebitContext <DrctDbtCntxt>	[0..1]			51
	Debtor <Dbtr>	[0..1]	±		52
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	53
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		54
	Creditor <Cdtr>	[0..1]	±		54
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	55
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		56
	MandateRelatedInformation <MndtRltdInf>	[1..1]			56
	MandateIdentification <Mndtld>	[1..1]	Text		57
	DateOfSignature <DtOfSgntr>	[0..1]	Date		57
	MandateImage <Mndtlmg>	[0..1]	Binary		57
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		57

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

2.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		37
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		37
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		38
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		38
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		38
	TransactionChannel <TxChanl>	[0..1]	CodeSet		38
	BusinessArea <BizArea>	[0..1]	CodeSet		39
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		39
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	39
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		40
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		40
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		41

2.4.2.2.1.1 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 2376](#)):

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

2.4.2.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

2.4.2.2.1.3 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 2376):

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

2.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

2.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

2.4.2.2.1.6 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 2370

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.

2.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

2.4.2.2.1.8 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 2376):

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

2.4.2.2.1.9 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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

2.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

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.)

2.4.2.2.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

2.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

2.4.2.2.2 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		42
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		42
	SaleReconciliationIdentification <SaleRcncld>	[0..1]	Text		43
	CashierIdentification <CshrId>	[0..1]	Text		43
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	43
	ShiftNumber <ShftNb>	[0..1]	Text		43
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		43
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		43
	InvoiceNumber <InvcNb>	[0..1]	Text		43
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		44
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			44
	CommonName <CmonNm>	[1..1]	Text		44
	Address <Adr>	[0..1]	Text		44
	CountryCode <CtryCd>	[1..1]	CodeSet		44
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		44
	RegisteredIdentifier <Regldr>	[1..1]	Text		44
	SplitPayment <Spltpmt>	[0..1]	Indicator		45
	RemainingAmount <RmngAmt>	[0..1]	Amount		45
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		45
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		45
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		45
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		46
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		46

2.4.2.2.2.1 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 2382

2.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

2.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

2.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

2.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

2.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

2.4.2.2.2.7 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 2376):

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

2.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

2.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

2.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

2.4.2.2.2.11 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		44
	Address <Adr>	[0..1]	Text		44
	CountryCode <CtryCd>	[1..1]	CodeSet		44
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		44
	RegisteredIdentifier <Regldr>	[1..1]	Text		44

2.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

2.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

2.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

2.4.2.2.2.11.4 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 2385

2.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

2.4.2.2.2.12 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 2376):

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

2.4.2.2.2.13 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 2313

2.4.2.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

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

2.4.2.2.2.15 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 2376):

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

2.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

2.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

2.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

2.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		47
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		47
	SystemToNotify <SysToNtfy>	[0..1]	Text		47
	Debtor <Dbtr>	[0..1]	±		48
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	49
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		49
	Creditor <Cdtr>	[0..1]	±		49
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	50
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		51

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

2.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

2.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

2.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

2.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

2.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

2.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

2.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

2.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

2.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

2.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		52
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	53
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		54
	Creditor <Cdtr>	[0..1]	±		54
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	55
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		56
	MandateRelatedInformation <MndtRltdInf>	[1..1]			56
	MandateIdentification <MndtId>	[1..1]	Text		57
	DateOfSignature <DtOfSgntr>	[0..1]	Date		57
	MandateImage <MndtImg>	[0..1]	Binary		57
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		57

2.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

2.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

2.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

2.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

2.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

2.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

2.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		57
	DateOfSignature <DtOfSgntr>	[0..1]	Date		57
	MandateImage <MndtImg>	[0..1]	Binary		57
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		57

2.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

2.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

2.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

2.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

2.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction139** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		61
	TransactionType <TxTp>	[0..1]	CodeSet		62
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		62
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		63
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		64
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		64
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		64
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		64
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		64
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		64
	TransactionIdentification <TxId>	[1..1]	±		65
	OriginalTransaction <OrgnlTx>	[0..1]	±		65
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		65
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		66
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		66
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		66
	TransactionDetails <TxDtls>	[1..1]			66
	Currency <Ccy>	[0..1]	CodeSet	C1	69
	TotalAmount <TtlAmt>	[1..1]	Amount		69
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		69
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		69
	DetailedAmount <DtldAmt>	[0..1]	±		69
	RequestedAmount <ReqdAmt>	[0..1]	Amount		70
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		70
	InvoiceAmount <InvAmt>	[0..1]	Amount		70
	ValidityDate <VldtyDt>	[0..1]	Date		70
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		70
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		71
	AccountType <AcctTp>	[0..1]	CodeSet		71
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			72
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		74

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			74
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		76
	TargetCurrency <TrgtCcy>	[1..1]			76
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	76
	NumericCode <NmrcCd>	[1..1]	Text		76
	Decimal <Dcml>	[1..1]	Quantity		76
	Name <Nm>	[0..1]	Text		76
	ResultingAmount <RsltAmt>	[0..1]	Amount		77
	ExchangeRate <XchgRate>	[1..1]	Rate		77
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		77
	QuotationDate <QtnDt>	[0..1]	DateTime		77
	ValidFrom <VldFr>	[0..1]	DateTime		77
	ValidUntil <VldUntil>	[0..1]	DateTime		77
	SourceCurrency <SrcCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	78
	NumericCode <NmrcCd>	[0..1]	Text		78
	Decimal <Dcml>	[0..1]	Quantity		78
	Name <Nm>	[0..1]	Text		78
	ApplicableBinRange <AplblBinRg>	[0..*]			78
	LowerBin <LwrBin>	[1..1]	Text		79
	HigherBin <HghrBin>	[1..1]	Text		79
	OriginalAmount <OrgnlAmt>	[0..1]			79
	ActualAmount <ActlAmt>	[0..1]	Amount		79
	MinimumAmount <MinAmt>	[0..1]	Amount		79
	MaximumAmount <MaxAmt>	[0..1]	Amount		79
	CommissionDetails <ComssnDtls>	[0..*]			80
	Amount <Amt>	[1..1]	Amount		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	MarkUpDetails <MrkUpDtls>	[0..*]			80
	Rate <Rate>	[1..1]	Rate		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		80
	Instalment <Instlmt>	[0..*]	±		81
	Recurring <Rcrng>	[0..1]	±		82
	AggregationTransaction <AggtnTx>	[0..1]	±		83
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		83
	SaleItem <Saleitm>	[0..*]	±		83
	DeliveryLocation <DlvryLctn>	[0..1]	Text		84
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		84
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		84
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		84
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		85
	AdditionalInformation <AddtlInf>	[0..*]			85
	Identification <Id>	[1..1]	Text		85
	Value <Val>	[0..1]	Binary		85
	ProtectedValue <PrctcdVal>	[0..1]	±		85
	Type <Tp>	[0..1]	Text		86
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		86
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		86
	AccountFrom <AcctFr>	[0..1]			86
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		87
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		88
	AccountName <AcctNm>	[0..1]	Text		88
	AccountOwner <AcctOwnr>	[0..1]			89
	Name <Nm>	[1..1]	Text		89
	Address <Adr>	[1..1]	±		89
	Currency <Ccy>	[0..1]	CodeSet	C1	89
	AccountIdentifier <Acctldr>	[0..1]			90
{Or	Card <Card>	[1..1]	Text		90
Or	MSISDN <MSISDN>	[1..1]	Text		90
Or	EMail <EMail>	[1..1]	Text		90
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	90

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		91
Or	UPIC <UPIC>	[1..1]	IdentifierSet		91
Or	Domestic <Dmst>	[1..1]	Text		91
Or}	Other <Othr>	[1..1]	Text		91
	Servicer <Svcr>	[0..1]			91
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	92
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		92
	AccountTo <AcctTo>	[0..1]			92
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		93
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		94
	AccountName <AcctNm>	[0..1]	Text		94
	AccountOwner <AcctOwnr>	[0..1]			95
	Name <Nm>	[1..1]	Text		95
	Address <Adr>	[1..1]	±		95
	Currency <Ccy>	[0..1]	CodeSet	C1	95
	AccountIdentifier <AcctIdr>	[0..1]			96
{Or	Card <Card>	[1..1]	Text		96
Or	MSISDN <MSISDN>	[1..1]	Text		96
Or	EMail <EMail>	[1..1]	Text		96
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	96
Or	BBAN <BBAN>	[1..1]	IdentifierSet		97
Or	UPIC <UPIC>	[1..1]	IdentifierSet		97
Or	Domestic <Dmst>	[1..1]	Text		97
Or}	Other <Othr>	[1..1]	Text		97
	Servicer <Svcr>	[0..1]			97
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	98
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		98
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		98

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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *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 2334

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 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

2.4.2.3.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

2.4.2.3.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *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 2385](#)

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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

2.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: ["Max35Text" on page 2382](#)

2.4.2.3.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: ["Max35Text" on page 2382](#)

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 2382](#)

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

2.4.2.3.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

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 2382

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 2382

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 2380

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 2380

2.4.2.3.17 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	69
	TotalAmount <TtlAmt>	[1..1]	Amount		69
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		69
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		69
	DetailedAmount <DtldAmt>	[0..1]	±		69
	RequestedAmount <ReqdAmt>	[0..1]	Amount		70
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		70
	InvoiceAmount <InvcAmt>	[0..1]	Amount		70
	ValidityDate <VldtyDt>	[0..1]	Date		70
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		70
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		71
	AccountType <AcctTp>	[0..1]	CodeSet		71
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			72
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		74
	Conversion <Convs>	[0..1]			74
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		76
	TargetCurrency <TrgtCcy>	[1..1]			76
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	76
	NumericCode <NmrcCd>	[1..1]	Text		76
	Decimal <Dcml>	[1..1]	Quantity		76
	Name <Nm>	[0..1]	Text		76
	ResultingAmount <RsltgAmt>	[0..1]	Amount		77
	ExchangeRate <XchgRate>	[1..1]	Rate		77
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		77
	QuotationDate <QtnDt>	[0..1]	DateTime		77
	ValidFrom <VldFr>	[0..1]	DateTime		77
	ValidUntil <VldUntil>	[0..1]	DateTime		77
	SourceCurrency <SrcCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	78
	NumericCode <NmrcCd>	[0..1]	Text		78
	Decimal <Dcml>	[0..1]	Quantity		78

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		78
	ApplicableBinRange <AplblBinRg>	[0..*]			78
	LowerBin <LwrBin>	[1..1]	Text		79
	HigherBin <HghrBin>	[1..1]	Text		79
	OriginalAmount <OrgnlAmt>	[0..1]			79
	ActualAmount <ActlAmt>	[0..1]	Amount		79
	MinimumAmount <MinAmt>	[0..1]	Amount		79
	MaximumAmount <MaxAmt>	[0..1]	Amount		79
	CommissionDetails <ComssnDtls>	[0..*]			80
	Amount <Amt>	[1..1]	Amount		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	MarkUpDetails <MrkUpDtls>	[0..*]			80
	Rate <Rate>	[1..1]	Rate		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	DeclarationDetails <Dclrtndtls>	[0..*]	±		80
	Instalment <Instlmt>	[0..*]	±		81
	Recurring <Rcrng>	[0..1]	±		82
	AggregationTransaction <AggtTx>	[0..1]	±		83
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		83
	SaleItem <Saleitm>	[0..*]	±		83
	DeliveryLocation <DivryLctn>	[0..1]	Text		84
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		84
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		84
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		84
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		85
	AdditionalInformation <AddtlInf>	[0..*]			85
	Identification <Id>	[1..1]	Text		85
	Value <Val>	[0..1]	Binary		85
	ProtectedValue <PrctcdVal>	[0..1]	±		85
	Type <Tp>	[0..1]	Text		86
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		86

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2313

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 2313

2.4.2.3.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

2.4.2.3.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

2.4.2.3.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2313

2.4.2.3.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

2.4.2.3.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

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

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

2.4.2.3.17.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2382

2.4.2.3.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

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

2.4.2.3.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		74
	Conversion <Convs>	[0..1]			74
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		76
	TargetCurrency <TrgtCcy>	[1..1]			76
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	76
	NumericCode <NmrcCd>	[1..1]	Text		76
	Decimal <Dcml>	[1..1]	Quantity		76
	Name <Nm>	[0..1]	Text		76
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		77
	ExchangeRate <XchgRate>	[1..1]	Rate		77
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		77
	QuotationDate <QtnDt>	[0..1]	DateTime		77
	ValidFrom <VldFr>	[0..1]	DateTime		77
	ValidUntil <VldUntil>	[0..1]	DateTime		77
	SourceCurrency <SrcCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	78
	NumericCode <NmrcCd>	[0..1]	Text		78
	Decimal <Dcml>	[0..1]	Quantity		78
	Name <Nm>	[0..1]	Text		78
	ApplicableBinRange <AplblBinRg>	[0..*]			78
	LowerBin <LwrBin>	[1..1]	Text		79
	HigherBin <HghrBin>	[1..1]	Text		79
	OriginalAmount <OrgnlAmt>	[0..1]			79
	ActualAmount <ActlAmt>	[0..1]	Amount		79
	MinimumAmount <MinAmt>	[0..1]	Amount		79
	MaximumAmount <MaxAmt>	[0..1]	Amount		79
	CommissionDetails <ComssnDtls>	[0..*]			80
	Amount <Amt>	[1..1]	Amount		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	MarkUpDetails <MrkUpDtls>	[0..*]			80

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	DeclarationDetails <DclrtnDtls>	[0..*]	±		80

2.4.2.3.17.13.1 AcceptedByCardholder <AcptdByCrdhdr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

2.4.2.3.17.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		76
	TargetCurrency <TrgtCcy>	[1..1]			76
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	76
	NumericCode <NmrcCd>	[1..1]	Text		76
	Decimal <Dcml>	[1..1]	Quantity		76
	Name <Nm>	[0..1]	Text		76
	ResultingAmount <RsltAmt>	[0..1]	Amount		77
	ExchangeRate <XchgRate>	[1..1]	Rate		77
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		77
	QuotationDate <QtnDt>	[0..1]	DateTime		77
	ValidFrom <VldFr>	[0..1]	DateTime		77
	ValidUntil <VldUntil>	[0..1]	DateTime		77
	SourceCurrency <SrcCcy>	[1..1]			77
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	78
	NumericCode <NmrcCd>	[0..1]	Text		78
	Decimal <Dcml>	[0..1]	Quantity		78
	Name <Nm>	[0..1]	Text		78
	ApplicableBinRange <AplblBinRg>	[0..*]			78
	LowerBin <LwrBin>	[1..1]	Text		79
	HigherBin <HghrBin>	[1..1]	Text		79
	OriginalAmount <OrgnlAmt>	[0..1]			79
	ActualAmount <ActlAmt>	[0..1]	Amount		79
	MinimumAmount <MinAmt>	[0..1]	Amount		79
	MaximumAmount <MaxAmt>	[0..1]	Amount		79
	CommissionDetails <ComssnDtls>	[0..*]			80
	Amount <Amt>	[1..1]	Amount		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	MarkUpDetails <MrkUpDtls>	[0..*]			80
	Rate <Rate>	[1..1]	Rate		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80
	DeclarationDetails <DclrtDtls>	[0..*]	±		80

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 2382

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	76
	NumericCode <NmrcCd>	[1..1]	Text		76
	Decimal <Dcml>	[1..1]	Quantity		76
	Name <Nm>	[0..1]	Text		76

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2378

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 2377

2.4.2.3.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

2.4.2.3.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2378

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 2378

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 2374

2.4.2.3.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

2.4.2.3.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

2.4.2.3.17.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	78
	NumericCode <NmrcCd>	[0..1]	Text		78
	Decimal <Dcml>	[0..1]	Quantity		78
	Name <Nm>	[0..1]	Text		78

2.4.2.3.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

2.4.2.3.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

2.4.2.3.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

2.4.2.3.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

2.4.2.3.17.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		79
	HigherBin <HghrBin>	[1..1]	Text		79

2.4.2.3.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

2.4.2.3.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

2.4.2.3.17.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		79
	MinimumAmount <MinAmt>	[0..1]	Amount		79
	MaximumAmount <MaxAmt>	[0..1]	Amount		79

2.4.2.3.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

2.4.2.3.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

2.4.2.3.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

2.4.2.3.17.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80

2.4.2.3.17.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

2.4.2.3.17.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

2.4.2.3.17.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		80
	AdditionalInformation <AddtlInf>	[0..1]	Text		80

2.4.2.3.17.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

2.4.2.3.17.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

2.4.2.3.17.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

2.4.2.3.17.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

2.4.2.3.17.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

2.4.2.3.17.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

2.4.2.3.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

2.4.2.3.17.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

2.4.2.3.17.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

2.4.2.3.17.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

2.4.2.3.17.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

2.4.2.3.17.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

2.4.2.3.17.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

2.4.2.3.17.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		85
	Value <Val>	[0..1]	Binary		85
	ProtectedValue <PrtctdVal>	[0..1]	±		85
	Type <Tp>	[0..1]	Text		86

2.4.2.3.17.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

2.4.2.3.17.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

2.4.2.3.17.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

2.4.2.3.17.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2379

2.4.2.3.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

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 2384

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		87
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		88
	AccountName <AcctNm>	[0..1]	Text		88
	AccountOwner <AcctOwnr>	[0..1]			89
	Name <Nm>	[1..1]	Text		89
	Address <Adr>	[1..1]	±		89
	Currency <Ccy>	[0..1]	CodeSet	C1	89
	AccountIdentifier <Acctldr>	[0..1]			90
{Or	Card <Card>	[1..1]	Text		90
Or	MSISDN <MSISDN>	[1..1]	Text		90
Or	EMail <EMail>	[1..1]	Text		90
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	90
Or	BBAN <BBAN>	[1..1]	IdentifierSet		91
Or	UPIC <UPIC>	[1..1]	IdentifierSet		91
Or	Domestic <Dmst>	[1..1]	Text		91
Or}	Other <Othr>	[1..1]	Text		91
	Servicer <Svcr>	[0..1]			91
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	92
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		92

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 2315

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

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

2.4.2.3.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

2.4.2.3.19.3 AccountName <AcctNm>

Presence: [0..1]

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

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

Datatype: "Max70Text" on page 2384

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		89
	Address <Adr>	[1..1]	±		89

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 2384

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 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

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 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		90
Or	MSISDN <MSISDN>	[1..1]	Text		90
Or	EMail <EMail>	[1..1]	Text		90
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	90
Or	BBAN <BBAN>	[1..1]	IdentifierSet		91
Or	UPIC <UPIC>	[1..1]	IdentifierSet		91
Or	Domestic <Dmst>	[1..1]	Text		91
Or}	Other <Othr>	[1..1]	Text		91

2.4.2.3.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

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 2380

2.4.2.3.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

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: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

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 2375

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 2376

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 2382

2.4.2.3.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

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	C3	92
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		92

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: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

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 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

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		93
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		94
	AccountName <AcctNm>	[0..1]	Text		94
	AccountOwner <AcctOwnr>	[0..1]			95
	Name <Nm>	[1..1]	Text		95
	Address <Adr>	[1..1]	±		95
	Currency <Ccy>	[0..1]	CodeSet	C1	95
	AccountIdentifier <AcctIdr>	[0..1]			96
{Or	Card <Card>	[1..1]	Text		96
Or	MSISDN <MSISDN>	[1..1]	Text		96
Or	EMail <EMail>	[1..1]	Text		96
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	96
Or	BBAN <BBAN>	[1..1]	IdentifierSet		97
Or	UPIC <UPIC>	[1..1]	IdentifierSet		97
Or	Domestic <Dmst>	[1..1]	Text		97
Or}	Other <Othr>	[1..1]	Text		97
	Servicer <Svcr>	[0..1]			97
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	98
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		98

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 2315

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 2331

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 2384

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		95
	Address <Adr>	[1..1]	±		95

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 2384

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 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

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 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		96
Or	MSISDN <MSISDN>	[1..1]	Text		96
Or	EMail <EMail>	[1..1]	Text		96
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	96
Or	BBAN <BBAN>	[1..1]	IdentifierSet		97
Or	UPIC <UPIC>	[1..1]	IdentifierSet		97
Or	Domestic <Dmst>	[1..1]	Text		97
Or}	Other <Othr>	[1..1]	Text		97

2.4.2.3.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

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 2380

2.4.2.3.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

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: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

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 2375

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 2376

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 2382

2.4.2.3.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

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	C3	98
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		98

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: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

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 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

2.4.2.3.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

2.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C12 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

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

2.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

3 caaa.002.001.14 AcceptorAuthorisationResponseV14

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 AcceptorAuthorisationResponseV14 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]			106
	MessageFunction <MsgFctn>	[1..1]	CodeSet		106
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		108
	ExchangeIdentification <XchgId>	[1..1]	Quantity		108
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		108
	CreationDateTime <CreDtTm>	[1..1]	DateTime		108
	InitiatingParty <InitgPty>	[1..1]	±		108
	RecipientParty <RcptPty>	[0..1]	±		109
	Traceability <Tracblt>	[0..*]	±		109
	AuthorisationResponse <AuthstnRspn>	[1..1]			110
	Environment <Envt>	[1..1]	±	C4	115
	Transaction <Tx>	[1..1]			121
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		124
	TransactionIdentification <TxId>	[1..1]	±		124
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		124
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		124
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		124
	InterchangeData <IntrchgData>	[0..1]	Text		125
	TransactionDetails <TxDtls>	[1..1]			125
	Currency <Ccy>	[0..1]	CodeSet	C1	128
	TotalAmount <TtlAmt>	[1..1]	Amount		128
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		128
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		128
	DetailedAmount <DtldAmt>	[0..1]	±		128
	RequestedAmount <ReqdAmt>	[0..1]	Amount		129
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		129
	InvoiceAmount <InvcAmt>	[0..1]	Amount		129
	ValidityDate <VldtyDt>	[0..1]	Date		129
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		129

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		130
	AccountType <AcctTp>	[0..1]	CodeSet		130
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			131
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		133
	Conversion <Convs>	[0..1]			133
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		135
	TargetCurrency <TrgtCcy>	[1..1]			135
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	135
	NumericCode <NmrcCd>	[1..1]	Text		135
	Decimal <Dcml>	[1..1]	Quantity		135
	Name <Nm>	[0..1]	Text		135
	ResultingAmount <RsltAmt>	[0..1]	Amount		136
	ExchangeRate <XchgRate>	[1..1]	Rate		136
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		136
	QuotationDate <QtnDt>	[0..1]	DateTime		136
	ValidFrom <VldFr>	[0..1]	DateTime		136
	ValidUntil <VldUntil>	[0..1]	DateTime		136
	SourceCurrency <SrcCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[0..1]	Text		137
	Decimal <Dcml>	[0..1]	Quantity		137
	Name <Nm>	[0..1]	Text		137
	ApplicableBinRange <AplblBinRg>	[0..*]			137
	LowerBin <LwrBin>	[1..1]	Text		138
	HigherBin <HghrBin>	[1..1]	Text		138
	OriginalAmount <OrgnlAmt>	[0..1]			138
	ActualAmount <ActlAmt>	[0..1]	Amount		138
	MinimumAmount <MinAmt>	[0..1]	Amount		138
	MaximumAmount <MaxAmt>	[0..1]	Amount		138
	CommissionDetails <ComssnDtls>	[0..*]			139
	Amount <Amt>	[1..1]	Amount		139

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	MarkUpDetails <MrkUpDtls>	[0..*]			139
	Rate <Rate>	[1..1]	Rate		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	DeclarationDetails <DclrtDtls>	[0..*]	±		139
	Instalment <Instlmt>	[0..*]	±		140
	Recurring <Rcrng>	[0..1]	±		141
	AggregationTransaction <AggtnTx>	[0..1]	±		142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		142
	SaleItem <Saleitm>	[0..*]	±		142
	DeliveryLocation <DivryLctn>	[0..1]	Text		143
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		143
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		143
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		143
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		144
	AdditionalInformation <AddtlInf>	[0..*]			144
	Identification <Id>	[1..1]	Text		144
	Value <Val>	[0..1]	Binary		144
	ProtectedValue <PrctcdVal>	[0..1]	±		144
	Type <Tp>	[0..1]	Text		145
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		145
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		145
	TransactionResponse <TxRspn>	[1..1]			145
	AuthorisationResult <AuthstnRslt>	[1..1]			148
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		148
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			149
	Response <Rspn>	[1..1]	CodeSet		149
	ResponseReason <RspnRsn>	[0..1]	Text		149
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		149
	AuthorisationCode <AuthstnCd>	[0..1]	Text		149
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		149

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSTrigger <TMSTrgr>	[0..1]			150
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		150
	TMSIdentification <TMSId>	[0..1]	Text		150
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		150
	AllowedProductCode <AllwdPdctCd>	[0..*]			150
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			151
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			151
	ProductCode <PdctCd>	[1..1]	Text		152
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		152
	AmountLimit <AmtLmt>	[0..1]	Amount		152
	QuantityLimit <QtyLmt>	[0..1]	Quantity		152
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		152
	Balance <Bal>	[0..1]	±		154
	ProtectedBalance <PrtctdBal>	[0..1]	±		154
	Action <Actn>	[0..*]			155
	ActionType <ActnTp>	[1..1]	CodeSet		155
	MessageToPresent <MsgToPres>	[0..1]	±		156
	RemoteAccess <RmotAccs>	[0..1]	±		157
	Retry <Rtry>	[0..1]	±		158
	TimeCondition <TmCond>	[0..1]	±		158
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			158
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		160
	TargetCurrency <TrgtCcy>	[1..1]			160
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	160
	NumericCode <NmrcCd>	[1..1]	Text		160
	Decimal <Dcml>	[1..1]	Quantity		160
	Name <Nm>	[0..1]	Text		161

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		161
	ExchangeRate <XchgRate>	[1..1]	Rate		161
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		161
	QuotationDate <QtnDt>	[0..1]	DateTime		161
	ValidFrom <VldFr>	[0..1]	DateTime		161
	ValidUntil <VldUntil>	[0..1]	DateTime		161
	SourceCurrency <SrcCcy>	[1..1]			161
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	162
	NumericCode <NmrcCd>	[0..1]	Text		162
	Decimal <Dcml>	[0..1]	Quantity		162
	Name <Nm>	[0..1]	Text		162
	ApplicableBinRange <AplblBinRg>	[0..*]			162
	LowerBin <LwrBin>	[1..1]	Text		163
	HigherBin <HghrBin>	[1..1]	Text		163
	OriginalAmount <OrgnlAmt>	[0..1]			163
	ActualAmount <ActlAmt>	[0..1]	Amount		163
	MinimumAmount <MinAmt>	[0..1]	Amount		163
	MaximumAmount <MaxAmt>	[0..1]	Amount		163
	CommissionDetails <ComssnDtls>	[0..*]			164
	Amount <Amt>	[1..1]	Amount		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164
	MarkUpDetails <MrkUpDtls>	[0..*]			164
	Rate <Rate>	[1..1]	Rate		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164
	DeclarationDetails <DclrtDtls>	[0..*]	±		164
	SupplementaryData <SplmtryData>	[0..*]	±	C5	165
	SecurityTrailer <SctyTrlr>	[0..1]	±		165

3.3 Constraints

C1 ActiveCurrency

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

the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 Country

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

C3 CurrencyAmount

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

Note: The decimal separator is a dot.

C4 OneElementPresenceRule

At least one of these subelements must be present.

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.

3.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

3.4.1 Header <Hdr>

Presence: [1..1]

Definition: Authorisation response message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		106
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		108
	ExchangeIdentification <XchgId>	[1..1]	Quantity		108
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		108
	CreationDateTime <CreDtTm>	[1..1]	DateTime		108
	InitiatingParty <InitgPty>	[1..1]	±		108
	RecipientParty <RcptPty>	[0..1]	±		109
	Traceability <Tracblt>	[0..*]	±		109

3.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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.

CodeName	Name	Definition
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

3.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

3.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

3.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

3.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

3.4.2 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Information related to the response of the authorisation.

AuthorisationResponse <AuthstnRspn> contains the following **AcceptorAuthorisationResponse14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C4	115
	Transaction <Tx>	[1..1]			121
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		124
	TransactionIdentification <TxId>	[1..1]	±		124
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		124
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		124
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		124
	InterchangeData <IntrchnngData>	[0..1]	Text		125
	TransactionDetails <TxDtls>	[1..1]			125
	Currency <Ccy>	[0..1]	CodeSet	C1	128
	TotalAmount <TtlAmt>	[1..1]	Amount		128
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		128
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		128
	DetailedAmount <DtldAmt>	[0..1]	±		128
	RequestedAmount <ReqdAmt>	[0..1]	Amount		129
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		129
	InvoiceAmount <InvcAmt>	[0..1]	Amount		129
	ValidityDate <VldtyDt>	[0..1]	Date		129
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		129
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		130
	AccountType <AcctTp>	[0..1]	CodeSet		130
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			131
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		133
	Conversion <Convs>	[0..1]			133
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		135
	TargetCurrency <TrgtCcy>	[1..1]			135
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	135
	NumericCode <NmrcCd>	[1..1]	Text		135
	Decimal <Dcml>	[1..1]	Quantity		135
	Name <Nm>	[0..1]	Text		135

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		136
	ExchangeRate <XchgRate>	[1..1]	Rate		136
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		136
	QuotationDate <QtnDt>	[0..1]	DateTime		136
	ValidFrom <VldFr>	[0..1]	DateTime		136
	ValidUntil <VldUntil>	[0..1]	DateTime		136
	SourceCurrency <SrcCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[0..1]	Text		137
	Decimal <Dcml>	[0..1]	Quantity		137
	Name <Nm>	[0..1]	Text		137
	ApplicableBinRange <AplblBinRg>	[0..*]			137
	LowerBin <LwrBin>	[1..1]	Text		138
	HigherBin <HghrBin>	[1..1]	Text		138
	OriginalAmount <OrgnlAmt>	[0..1]			138
	ActualAmount <ActlAmt>	[0..1]	Amount		138
	MinimumAmount <MinAmt>	[0..1]	Amount		138
	MaximumAmount <MaxAmt>	[0..1]	Amount		138
	CommissionDetails <ComssnDtls>	[0..*]			139
	Amount <Amt>	[1..1]	Amount		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	MarkUpDetails <MrkUpDtls>	[0..*]			139
	Rate <Rate>	[1..1]	Rate		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	DeclarationDetails <Dclrtndtls>	[0..*]	±		139
	Instalment <Instlmt>	[0..*]	±		140
	Recurring <Rcrng>	[0..1]	±		141
	AggregationTransaction <AggtnTx>	[0..1]	±		142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		142
	SaleItem <Saleitm>	[0..*]	±		142
	DeliveryLocation <DlvryLctn>	[0..1]	Text		143

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		143
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		143
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		143
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		144
	AdditionalInformation <AddtlInf>	[0..*]			144
	Identification <Id>	[1..1]	Text		144
	Value <Val>	[0..1]	Binary		144
	ProtectedValue <PrctcdVal>	[0..1]	±		144
	Type <Tp>	[0..1]	Text		145
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		145
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		145
	TransactionResponse <TxRspn>	[1..1]			145
	AuthorisationResult <AuthstnRslt>	[1..1]			148
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		148
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			149
	Response <Rspn>	[1..1]	CodeSet		149
	ResponseReason <RspnRsn>	[0..1]	Text		149
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		149
	AuthorisationCode <AuthstnCd>	[0..1]	Text		149
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		149
	TMSTrigger <TMSTrggr>	[0..1]			150
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		150
	TMSIdentification <TMSId>	[0..1]	Text		150
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		150
	AllowedProductCode <AllwdPdctCd>	[0..*]			150
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			151
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			151

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		152
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		152
	AmountLimit <AmtLmt>	[0..1]	Amount		152
	QuantityLimit <QtyLmt>	[0..1]	Quantity		152
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		152
	Balance <Bal>	[0..1]	±		154
	ProtectedBalance <PrctcdBal>	[0..1]	±		154
	Action <Actn>	[0..*]			155
	ActionType <ActnTp>	[1..1]	CodeSet		155
	MessageToPresent <MsgToPres>	[0..1]	±		156
	RemoteAccess <RmotAccs>	[0..1]	±		157
	Retry <Rtry>	[0..1]	±		158
	TimeCondition <TmCond>	[0..1]	±		158
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			158
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		160
	TargetCurrency <TrgtCcy>	[1..1]			160
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	160
	NumericCode <NmrcCd>	[1..1]	Text		160
	Decimal <Dcml>	[1..1]	Quantity		160
	Name <Nm>	[0..1]	Text		161
	ResultingAmount <RsltAmt>	[0..1]	Amount		161
	ExchangeRate <XchgRate>	[1..1]	Rate		161
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		161
	QuotationDate <QtnDt>	[0..1]	DateTime		161
	ValidFrom <VldFr>	[0..1]	DateTime		161
	ValidUntil <VldUntil>	[0..1]	DateTime		161
	SourceCurrency <SrcCcy>	[1..1]			161
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	162
	NumericCode <NmrcCd>	[0..1]	Text		162
	Decimal <Dcml>	[0..1]	Quantity		162
	Name <Nm>	[0..1]	Text		162

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			162
	LowerBin <LwrBin>	[1..1]	Text		163
	HigherBin <HghrBin>	[1..1]	Text		163
	OriginalAmount <OrgnlAmt>	[0..1]			163
	ActualAmount <ActlAmt>	[0..1]	Amount		163
	MinimumAmount <MinAmt>	[0..1]	Amount		163
	MaximumAmount <MaxAmt>	[0..1]	Amount		163
	CommissionDetails <ComssnDtls>	[0..*]			164
	Amount <Amt>	[1..1]	Amount		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164
	MarkUpDetails <MrkUpDtls>	[0..*]			164
	Rate <Rate>	[1..1]	Rate		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164
	DeclarationDetails <DclrtnDtls>	[0..*]	±		164
	SupplementaryData <SplmtryData>	[0..*]	±	C5	165

3.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C4 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "CardPaymentEnvironment81" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdlrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

3.4.2.2 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		124
	TransactionIdentification <TxId>	[1..1]	±		124
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		124
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		124
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		124
	InterchangeData <IntrchgData>	[0..1]	Text		125
	TransactionDetails <TxDtls>	[1..1]			125
	Currency <Ccy>	[0..1]	CodeSet	C1	128
	TotalAmount <TtlAmt>	[1..1]	Amount		128
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		128
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		128
	DetailedAmount <DtlAmt>	[0..1]	±		128
	RequestedAmount <ReqdAmt>	[0..1]	Amount		129
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		129
	InvoiceAmount <InvcAmt>	[0..1]	Amount		129
	ValidityDate <VldtyDt>	[0..1]	Date		129
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		129
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		130
	AccountType <AcctTp>	[0..1]	CodeSet		130
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			131
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		133
	Conversion <Convs>	[0..1]			133
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		135
	TargetCurrency <TrgtCcy>	[1..1]			135
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	135
	NumericCode <NmrcCd>	[1..1]	Text		135
	Decimal <Dcml>	[1..1]	Quantity		135
	Name <Nm>	[0..1]	Text		135
	ResultingAmount <RsltgAmt>	[0..1]	Amount		136
	ExchangeRate <XchgRate>	[1..1]	Rate		136
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		136

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		136
	ValidFrom <VldFr>	[0..1]	DateTime		136
	ValidUntil <VldUntil>	[0..1]	DateTime		136
	SourceCurrency <SrcCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[0..1]	Text		137
	Decimal <Dcml>	[0..1]	Quantity		137
	Name <Nm>	[0..1]	Text		137
	ApplicableBinRange <AplblBinRg>	[0..*]			137
	LowerBin <LwrBin>	[1..1]	Text		138
	HigherBin <HghrBin>	[1..1]	Text		138
	OriginalAmount <OrgnlAmt>	[0..1]			138
	ActualAmount <ActlAmt>	[0..1]	Amount		138
	MinimumAmount <MinAmt>	[0..1]	Amount		138
	MaximumAmount <MaxAmt>	[0..1]	Amount		138
	CommissionDetails <ComssnDtls>	[0..*]			139
	Amount <Amt>	[1..1]	Amount		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	MarkUpDetails <MrkUpDtls>	[0..*]			139
	Rate <Rate>	[1..1]	Rate		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	DeclarationDetails <DclrtDtls>	[0..*]	±		139
	Instalment <Instlmt>	[0..*]	±		140
	Recurring <Rcrng>	[0..1]	±		141
	AggregationTransaction <AggtnTx>	[0..1]	±		142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		142
	SaleItem <SaleItm>	[0..*]	±		142
	DeliveryLocation <DlvryLctn>	[0..1]	Text		143
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		143
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		143
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		143

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		144
	AdditionalInformation <AddtlInf>	[0..*]			144
	Identification <Id>	[1..1]	Text		144
	Value <Val>	[0..1]	Binary		144
	ProtectedValue <PrctcdVal>	[0..1]	±		144
	Type <Tp>	[0..1]	Text		145
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		145
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		145

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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 2380

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 2382

3.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

3.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	128
	TotalAmount <TtlAmt>	[1..1]	Amount		128
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		128
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		128
	DetailedAmount <DtldAmt>	[0..1]	±		128
	RequestedAmount <ReqdAmt>	[0..1]	Amount		129
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		129
	InvoiceAmount <InvcAmt>	[0..1]	Amount		129
	ValidityDate <VldtyDt>	[0..1]	Date		129
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		129
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		130
	AccountType <AcctTp>	[0..1]	CodeSet		130
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			131
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		133
	Conversion <Convs>	[0..1]			133
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		135
	TargetCurrency <TrgtCcy>	[1..1]			135
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	135
	NumericCode <NmrcCd>	[1..1]	Text		135
	Decimal <Dcml>	[1..1]	Quantity		135
	Name <Nm>	[0..1]	Text		135
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		136
	ExchangeRate <XchgRate>	[1..1]	Rate		136
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		136
	QuotationDate <QtnDt>	[0..1]	DateTime		136
	ValidFrom <VldFr>	[0..1]	DateTime		136
	ValidUntil <VldUntil>	[0..1]	DateTime		136
	SourceCurrency <SrcCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[0..1]	Text		137
	Decimal <Dcml>	[0..1]	Quantity		137

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		137
	ApplicableBinRange <AplblBinRg>	[0..*]			137
	LowerBin <LwrBin>	[1..1]	Text		138
	HigherBin <HghrBin>	[1..1]	Text		138
	OriginalAmount <OrgnlAmt>	[0..1]			138
	ActualAmount <ActlAmt>	[0..1]	Amount		138
	MinimumAmount <MinAmt>	[0..1]	Amount		138
	MaximumAmount <MaxAmt>	[0..1]	Amount		138
	CommissionDetails <ComssnDtls>	[0..*]			139
	Amount <Amt>	[1..1]	Amount		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	MarkUpDetails <MrkUpDtls>	[0..*]			139
	Rate <Rate>	[1..1]	Rate		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	DeclarationDetails <Dclrtndtls>	[0..*]	±		139
	Instalment <Instlmt>	[0..*]	±		140
	Recurring <Rcrng>	[0..1]	±		141
	AggregationTransaction <AggtTx>	[0..1]	±		142
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		142
	SaleItem <Saleitm>	[0..*]	±		142
	DeliveryLocation <DivryLctn>	[0..1]	Text		143
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		143
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		143
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		143
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		144
	AdditionalInformation <AddtlInf>	[0..*]			144
	Identification <Id>	[1..1]	Text		144
	Value <Val>	[0..1]	Binary		144
	ProtectedValue <PrctcdVal>	[0..1]	±		144
	Type <Tp>	[0..1]	Text		145
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		145

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2313

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 2313

3.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

3.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2313

3.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

3.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

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

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

3.4.2.2.7.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2382

3.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

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

3.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		133
	Conversion <Convs>	[0..1]			133
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		135
	TargetCurrency <TrgtCcy>	[1..1]			135
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	135
	NumericCode <NmrcCd>	[1..1]	Text		135
	Decimal <Dcml>	[1..1]	Quantity		135
	Name <Nm>	[0..1]	Text		135
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		136
	ExchangeRate <XchgRate>	[1..1]	Rate		136
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		136
	QuotationDate <QtnDt>	[0..1]	DateTime		136
	ValidFrom <VldFr>	[0..1]	DateTime		136
	ValidUntil <VldUntil>	[0..1]	DateTime		136
	SourceCurrency <SrcCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[0..1]	Text		137
	Decimal <Dcml>	[0..1]	Quantity		137
	Name <Nm>	[0..1]	Text		137
	ApplicableBinRange <AplblBinRg>	[0..*]			137
	LowerBin <LwrBin>	[1..1]	Text		138
	HigherBin <HghrBin>	[1..1]	Text		138
	OriginalAmount <OrgnlAmt>	[0..1]			138
	ActualAmount <ActlAmt>	[0..1]	Amount		138
	MinimumAmount <MinAmt>	[0..1]	Amount		138
	MaximumAmount <MaxAmt>	[0..1]	Amount		138
	CommissionDetails <ComssnDtls>	[0..*]			139
	Amount <Amt>	[1..1]	Amount		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	MarkUpDetails <MrkUpDtls>	[0..*]			139

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	DeclarationDetails <DclrtnDtls>	[0..*]	±		139

3.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

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

3.4.2.2.7.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		135
	TargetCurrency <TrgtCcy>	[1..1]			135
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	135
	NumericCode <NmrcCd>	[1..1]	Text		135
	Decimal <Dcml>	[1..1]	Quantity		135
	Name <Nm>	[0..1]	Text		135
	ResultingAmount <RsltAmt>	[0..1]	Amount		136
	ExchangeRate <XchgRate>	[1..1]	Rate		136
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		136
	QuotationDate <QtnDt>	[0..1]	DateTime		136
	ValidFrom <VldFr>	[0..1]	DateTime		136
	ValidUntil <VldUntil>	[0..1]	DateTime		136
	SourceCurrency <SrcCcy>	[1..1]			136
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	137
	NumericCode <NmrcCd>	[0..1]	Text		137
	Decimal <Dcml>	[0..1]	Quantity		137
	Name <Nm>	[0..1]	Text		137
	ApplicableBinRange <AplblBinRg>	[0..*]			137
	LowerBin <LwrBin>	[1..1]	Text		138
	HigherBin <HghrBin>	[1..1]	Text		138
	OriginalAmount <OrgnlAmt>	[0..1]			138
	ActualAmount <ActlAmt>	[0..1]	Amount		138
	MinimumAmount <MinAmt>	[0..1]	Amount		138
	MaximumAmount <MaxAmt>	[0..1]	Amount		138
	CommissionDetails <ComssnDtls>	[0..*]			139
	Amount <Amt>	[1..1]	Amount		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	MarkUpDetails <MrkUpDtls>	[0..*]			139
	Rate <Rate>	[1..1]	Rate		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139
	DeclarationDetails <DclrtDtls>	[0..*]	±		139

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 2382

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	135
	NumericCode <NmrcCd>	[1..1]	Text		135
	Decimal <Dcml>	[1..1]	Quantity		135
	Name <Nm>	[0..1]	Text		135

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2378

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 2377

3.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

3.4.2.2.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2378

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 2378

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 2374

3.4.2.2.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

3.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

3.4.2.2.7.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

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

3.4.2.2.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

3.4.2.2.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

3.4.2.2.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

3.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

3.4.2.2.7.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		138
	HigherBin <HghrBin>	[1..1]	Text		138

3.4.2.2.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

3.4.2.2.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

3.4.2.2.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		138
	MinimumAmount <MinAmt>	[0..1]	Amount		138
	MaximumAmount <MaxAmt>	[0..1]	Amount		138

3.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.2.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.2.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.2.7.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139

3.4.2.2.7.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.2.7.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

3.4.2.2.7.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		139
	AdditionalInformation <AddtlInf>	[0..1]	Text		139

3.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

3.4.2.2.7.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

3.4.2.2.7.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

3.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

3.4.2.2.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

3.4.2.2.7.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

3.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

3.4.2.2.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

3.4.2.2.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

3.4.2.2.7.20 ReSubmissionCounter <ReSubmissnCntr>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

3.4.2.2.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

3.4.2.2.7.22 CompletionSequenceCounter <CmpltnSeqCntr>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

3.4.2.2.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.2.7.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		144
	Value <Val>	[0..1]	Binary		144
	ProtectedValue <PrtctdVal>	[0..1]	±		144
	Type <Tp>	[0..1]	Text		145

3.4.2.2.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

3.4.2.2.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

3.4.2.2.7.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

3.4.2.2.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2379

3.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

3.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 2384

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 **CardPaymentTransaction144** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			148
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		148
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			149
	Response <Rspn>	[1..1]	CodeSet		149
	ResponseReason <RspnRsn>	[0..1]	Text		149
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		149
	AuthorisationCode <AuthstnCd>	[0..1]	Text		149
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		149
	TMSTrigger <TMSTrggr>	[0..1]			150
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		150
	TMSIdentification <TMSId>	[0..1]	Text		150
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		150
	AllowedProductCode <AllwdPdctCd>	[0..*]			150
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			151
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			151
	ProductCode <PdctCd>	[1..1]	Text		152
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		152
	AmountLimit <AmtLmt>	[0..1]	Amount		152
	QuantityLimit <QtyLmt>	[0..1]	Quantity		152
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		152
	Balance <Bal>	[0..1]	±		154
	ProtectedBalance <PrtctdBal>	[0..1]	±		154
	Action <Actn>	[0..*]			155
	ActionType <ActnTp>	[1..1]	CodeSet		155
	MessageToPresent <MsgToPres>	[0..1]	±		156
	RemoteAccess <RmotAccs>	[0..1]	±		157
	Retry <Rtry>	[0..1]	±		158

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		158
	CurrencyConversionEligibility <CcyConvslElgblty>	[0..1]			158
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		160
	TargetCurrency <TrgtCcy>	[1..1]			160
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	160
	NumericCode <NmrcCd>	[1..1]	Text		160
	Decimal <Dcml>	[1..1]	Quantity		160
	Name <Nm>	[0..1]	Text		161
	ResultingAmount <RsltgAmt>	[0..1]	Amount		161
	ExchangeRate <XchgRate>	[1..1]	Rate		161
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		161
	QuotationDate <QtnDt>	[0..1]	DateTime		161
	ValidFrom <VldFr>	[0..1]	DateTime		161
	ValidUntil <VldUntil>	[0..1]	DateTime		161
	SourceCurrency <SrcCcy>	[1..1]			161
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	162
	NumericCode <NmrcCd>	[0..1]	Text		162
	Decimal <Dcml>	[0..1]	Quantity		162
	Name <Nm>	[0..1]	Text		162
	ApplicableBinRange <AplblBinRg>	[0..*]			162
	LowerBin <LwrBin>	[1..1]	Text		163
	HigherBin <HghrBin>	[1..1]	Text		163
	OriginalAmount <OrgnlAmt>	[0..1]			163
	ActualAmount <ActlAmt>	[0..1]	Amount		163
	MinimumAmount <MinAmt>	[0..1]	Amount		163
	MaximumAmount <MaxAmt>	[0..1]	Amount		163
	CommissionDetails <ComssnDtls>	[0..*]			164
	Amount <Amt>	[1..1]	Amount		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164
	MarkUpDetails <MrkUpDtls>	[0..*]			164
	Rate <Rate>	[1..1]	Rate		164

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		164
	DeclarationDetails <DclrtnDtls>	[0..*]	±		164

3.4.2.3.1 AuthorisationResult <AuthstnRsIt>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		148
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			149
	Response <Rspn>	[1..1]	CodeSet		149
	ResponseReason <RspnRsn>	[0..1]	Text		149
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		149
	AuthorisationCode <AuthstnCd>	[0..1]	Text		149
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		149
	TMSTrigger <TMSTrggr>	[0..1]			150
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		150
	TMSIdentification <TMSId>	[0..1]	Text		150
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		150

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 2012](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

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		149
	ResponseReason <RspnRsn>	[0..1]	Text		149
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		149

3.4.2.3.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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 2382

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 2380

3.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

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 2376):

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

3.4.2.3.1.5 TMSTrigger <TMSTrggr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		150
	TMSIdentification <TMSId>	[0..1]	Text		150
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		150

3.4.2.3.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

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 2382

3.4.2.3.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

3.4.2.3.2 AllowedProductCode <AllwdPdctCd>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151

3.4.2.3.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2384

3.4.2.3.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

3.4.2.3.3 NotAllowedProductCode <NotAllwdPdctCd>

Presence: [0..*]

Definition: Product code not allowed by the payment card.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		151
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		151

3.4.2.3.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2384

3.4.2.3.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

3.4.2.3.4 AdditionalAvailableProduct <AddtlAvlblPdct>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		152
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		152
	AmountLimit <AmtLmt>	[0..1]	Amount		152
	QuantityLimit <QtyLmt>	[0..1]	Quantity		152
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		152

3.4.2.3.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2384

3.4.2.3.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

3.4.2.3.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.3.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 2377

3.4.2.3.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2372

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

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

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

3.4.2.3.5 Balance <Bal>

Presence: [0..1]

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

Balance <Bal> contains the following elements (see "[AmountAndDirection93](#)" on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1744
	Currency <Ccy>	[1..1]	CodeSet	C1	1745
	Sign <Sgn>	[0..1]	Indicator		1745

3.4.2.3.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

3.4.2.3.7 Action <Actn>

Presence: [0..*]

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

Action <Actn> contains the following **Action17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		155
	MessageToPresent <MsgToPres>	[0..1]	±		156
	RemoteAccess <RmotAccs>	[0..1]	±		157
	Retry <Rtry>	[0..1]	±		158
	TimeCondition <TmCond>	[0..1]	±		158

3.4.2.3.7.1 ActionType <ActnTp>

Presence: [1..1]

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

Datatype: "ActionType15Code" on page 2315

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

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

3.4.2.3.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

3.4.2.3.7.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2216 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

3.4.2.3.7.4 Retry <Rtry>

Presence: [0..1]

Definition: Definition of retry process if activation of an action fails.

Retry <Rtry> contains the following elements (see "[ProcessRetry3](#)" on page 2305 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2305
	MaximumNumber <MaxNb>	[0..1]	Quantity		2305
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2305

3.4.2.3.7.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2306 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2306
	EndTime <EndTm>	[0..1]	DateTime		2306
	Period <Prd>	[0..1]	Text		2306
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2306

3.4.2.3.8 CurrencyConversionEligibility <CcyConvElgblty>

Presence: [0..1]

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

CurrencyConversionEligibility <CcyConvslElgblty> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		160
	TargetCurrency <TrgtCcy>	[1..1]			160
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	160
	NumericCode <NmrcCd>	[1..1]	Text		160
	Decimal <Dcml>	[1..1]	Quantity		160
	Name <Nm>	[0..1]	Text		161
	ResultingAmount <RsltAmt>	[0..1]	Amount		161
	ExchangeRate <XchgRate>	[1..1]	Rate		161
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		161
	QuotationDate <QtnDt>	[0..1]	DateTime		161
	ValidFrom <VldFr>	[0..1]	DateTime		161
	ValidUntil <VldUntil>	[0..1]	DateTime		161
	SourceCurrency <SrcCcy>	[1..1]			161
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	162
	NumericCode <NmrcCd>	[0..1]	Text		162
	Decimal <Dcml>	[0..1]	Quantity		162
	Name <Nm>	[0..1]	Text		162
	ApplicableBinRange <AplblBinRg>	[0..*]			162
	LowerBin <LwrBin>	[1..1]	Text		163
	HigherBin <HghrBin>	[1..1]	Text		163
	OriginalAmount <OrgnlAmt>	[0..1]			163
	ActualAmount <ActlAmt>	[0..1]	Amount		163
	MinimumAmount <MinAmt>	[0..1]	Amount		163
	MaximumAmount <MaxAmt>	[0..1]	Amount		163
	CommissionDetails <ComssnDtls>	[0..*]			164
	Amount <Amt>	[1..1]	Amount		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164
	MarkUpDetails <MrkUpDtls>	[0..*]			164
	Rate <Rate>	[1..1]	Rate		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		164

3.4.2.3.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

3.4.2.3.8.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	160
	NumericCode <NmrcCd>	[1..1]	Text		160
	Decimal <Dcml>	[1..1]	Quantity		160
	Name <Nm>	[0..1]	Text		161

3.4.2.3.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

3.4.2.3.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2378

3.4.2.3.8.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2377

3.4.2.3.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

3.4.2.3.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.3.8.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 2378

3.4.2.3.8.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2378

3.4.2.3.8.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2374

3.4.2.3.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

3.4.2.3.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

3.4.2.3.8.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	162
	NumericCode <NmrcCd>	[0..1]	Text		162
	Decimal <Dcml>	[0..1]	Quantity		162
	Name <Nm>	[0..1]	Text		162

3.4.2.3.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

3.4.2.3.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

3.4.2.3.8.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

3.4.2.3.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

3.4.2.3.8.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		163
	HigherBin <HghrBin>	[1..1]	Text		163

3.4.2.3.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

3.4.2.3.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

3.4.2.3.8.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		163
	MinimumAmount <MinAmt>	[0..1]	Amount		163
	MaximumAmount <MaxAmt>	[0..1]	Amount		163

3.4.2.3.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.3.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.3.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.3.8.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164

3.4.2.3.8.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

3.4.2.3.8.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

3.4.2.3.8.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		164
	AdditionalInformation <AddtlInf>	[0..1]	Text		164

3.4.2.3.8.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

3.4.2.3.8.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

3.4.2.3.8.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

3.4.2.4 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 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- SupplementaryDataRule**

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

3.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on [page 2302](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

4 caaa.003.001.14 AcceptorCompletionAdviceV14

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 AcceptorCompletionAdviceV14 MessageDefinition is composed of 3 MessageBuildingBlocks:

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

4.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvc>	[1..1]			
	Header <Hdr>	[1..1]			176
	MessageFunction <MsgFctn>	[1..1]	CodeSet		176
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		178
	ExchangeIdentification <XchgId>	[1..1]	Quantity		178
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		178
	CreationDateTime <CreDtTm>	[1..1]	DateTime		178
	InitiatingParty <InitgPty>	[1..1]	±		178
	RecipientParty <RcptPty>	[0..1]	±		178
	Traceability <Tracblt>	[0..*]	±		179
	CompletionAdvice <CmpltnAdvc>	[1..1]			179
	Environment <Envt>	[1..1]	±	C9	186
	Context <Cntxt>	[0..1]		C10	192
	PaymentContext <PmtCntxt>	[0..1]			195
	CardPresent <CardPres>	[0..1]	Indicator		195
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		195
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		196
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		196
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		196
	TransactionChannel <TxChanl>	[0..1]	CodeSet		196
	BusinessArea <BizArea>	[0..1]	CodeSet		197
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		197
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	197
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		198
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		198
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		199
	SaleContext <SaleCntxt>	[0..1]			199
	SaleIdentification <SaleId>	[0..1]	Text		200
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		200
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		201

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		201
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	201
	ShiftNumber <ShftNb>	[0..1]	Text		201
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		201
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		201
	InvoiceNumber <InvNb>	[0..1]	Text		201
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		202
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			202
	CommonName <CmonNm>	[1..1]	Text		202
	Address <Adr>	[0..1]	Text		202
	CountryCode <CtryCd>	[1..1]	CodeSet		202
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		202
	RegisteredIdentifier <RegIdr>	[1..1]	Text		202
	SplitPayment <Spltpmt>	[0..1]	Indicator		203
	RemainingAmount <RmngAmt>	[0..1]	Amount		203
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		203
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		203
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		203
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		204
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		204
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	204
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		205
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		205
	SystemToNotify <SysToNtfy>	[0..1]	Text		205
	Debtor <Dbtr>	[0..1]	±		206
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	207
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		207
	Creditor <Cdtr>	[0..1]	±		207
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	208
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			209

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		210
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	211
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		212
	Creditor <Cdtr>	[0..1]	±		212
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	213
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		214
	MandateRelatedInformation <MndtRltdInf>	[1..1]			214
	MandateIdentification <MndtId>	[1..1]	Text		215
	DateOfSignature <DtOfSgntr>	[0..1]	Date		215
	MandateImage <MndtImg>	[0..1]	Binary		215
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		215
	Transaction <Tx>	[1..1]			215
	TransactionCapture <TxCaptr>	[0..1]	Indicator		220
	TransactionType <TxTp>	[0..1]	CodeSet		220
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		221
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		222
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		222
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		222
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		222
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		223
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		223
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		223
	TransactionIdentification <TxId>	[1..1]	±		223
	OriginalTransaction <OrgnlTx>	[0..1]	±		223
	TransactionSuccess <TxSucss>	[1..1]	Indicator		224
	Reversal <Rvs/>	[0..1]	Indicator		224
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		225
	FailureReason <FailrRsn>	[0..*]	CodeSet		225
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		226
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		226
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		226

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InterchangeData <IntrchgData>	[0..1]	Text		226
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		226
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		226
	TransactionDetails <TxDtls>	[1..1]			226
	Currency <Ccy>	[0..1]	CodeSet	C1	229
	TotalAmount <TtlAmt>	[1..1]	Amount		229
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		229
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		229
	DetailedAmount <DtlAmt>	[0..1]	±		229
	RequestedAmount <ReqdAmt>	[0..1]	Amount		230
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		230
	InvoiceAmount <InvcAmt>	[0..1]	Amount		230
	ValidityDate <VldtyDt>	[0..1]	Date		230
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		230
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		231
	AccountType <AcctTp>	[0..1]	CodeSet		231
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			232
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		234
	Conversion <Convs>	[0..1]			234
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		236
	TargetCurrency <TrgtCcy>	[1..1]			236
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	236
	NumericCode <NmrcCd>	[1..1]	Text		236
	Decimal <Dcml>	[1..1]	Quantity		236
	Name <Nm>	[0..1]	Text		236
	ResultingAmount <RsltAmt>	[0..1]	Amount		237
	ExchangeRate <XchgRate>	[1..1]	Rate		237
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		237
	QuotationDate <QtnDt>	[0..1]	DateTime		237
	ValidFrom <VldFr>	[0..1]	DateTime		237
	ValidUntil <VldUntil>	[0..1]	DateTime		237

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			237
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	238
	NumericCode <NmrcCd>	[0..1]	Text		238
	Decimal <Dcml>	[0..1]	Quantity		238
	Name <Nm>	[0..1]	Text		238
	ApplicableBinRange <AplblBinRg>	[0..*]			238
	LowerBin <LwrBin>	[1..1]	Text		239
	HigherBin <HghrBin>	[1..1]	Text		239
	OriginalAmount <OrgnlAmt>	[0..1]			239
	ActualAmount <ActlAmt>	[0..1]	Amount		239
	MinimumAmount <MinAmt>	[0..1]	Amount		239
	MaximumAmount <MaxAmt>	[0..1]	Amount		239
	CommissionDetails <ComssnDtls>	[0..*]			240
	Amount <Amt>	[1..1]	Amount		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	MarkUpDetails <MrkUpDtls>	[0..*]			240
	Rate <Rate>	[1..1]	Rate		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	DeclarationDetails <DclrtDtls>	[0..*]	±		240
	Instalment <Instlmt>	[0..*]	±		241
	Recurring <Rcrng>	[0..1]	±		242
	AggregationTransaction <AggtnTx>	[0..1]	±		243
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		243
	SaleItem <Saleitm>	[0..*]	±		243
	DeliveryLocation <DivryLctn>	[0..1]	Text		244
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		244
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		244
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		244
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		245
	AdditionalInformation <AddtlInf>	[0..*]			245
	Identification <Id>	[1..1]	Text		245

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Binary		245
	ProtectedValue <PrctcdVal>	[0..1]	±		245
	Type <Tp>	[0..1]	Text		246
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		246
	AuthorisationResult <AuthstnRslt>	[0..1]			246
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		246
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			247
	Response <Rspn>	[1..1]	CodeSet		247
	ResponseReason <RspnRsn>	[0..1]	Text		247
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		248
	AuthorisationCode <AuthstnCd>	[0..1]	Text		248
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		248
	AccountFrom <AcctFr>	[0..1]			248
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		249
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		250
	AccountName <AcctNm>	[0..1]	Text		250
	AccountOwner <AcctOwnr>	[0..1]			251
	Name <Nm>	[1..1]	Text		251
	Address <Adr>	[1..1]	±		251
	Currency <Ccy>	[0..1]	CodeSet	C1	251
	AccountIdentifier <Acctldr>	[0..1]			252
{Or	Card <Card>	[1..1]	Text		252
Or	MSISDN <MSISDN>	[1..1]	Text		252
Or	EMail <EMail>	[1..1]	Text		252
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	252
Or	BBAN <BBAN>	[1..1]	IdentifierSet		253
Or	UPIC <UPIC>	[1..1]	IdentifierSet		253
Or	Domestic <Dmst>	[1..1]	Text		253
Or}	Other <Othr>	[1..1]	Text		253
	Servicer <Svcr>	[0..1]			253
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	254

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		254
	AccountTo <AcctTo>	[0..1]			254
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		255
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		256
	AccountName <AcctNm>	[0..1]	Text		256
	AccountOwner <AcctOwnr>	[0..1]			257
	Name <Nm>	[1..1]	Text		257
	Address <Adr>	[1..1]	±		257
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	AccountIdentifier <AcctIdr>	[0..1]			258
{Or	Card <Card>	[1..1]	Text		258
Or	MSISDN <MSISDN>	[1..1]	Text		258
Or	EMail <EMail>	[1..1]	Text		258
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	258
Or	BBAN <BBAN>	[1..1]	IdentifierSet		259
Or	UPIC <UPIC>	[1..1]	IdentifierSet		259
Or	Domestic <Dmst>	[1..1]	Text		259
Or}	Other <Othr>	[1..1]	Text		259
	Servicer <Svcr>	[0..1]			259
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	260
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		260
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		260
	SupplementaryData <SplmtryData>	[0..*]	±	C12	260
	SecurityTrailer <SctyTrlr>	[0..1]	±		261

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 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

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

C5 CurrencyAmount

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

Note: The decimal separator is a dot.

C6 IBAN

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

C7 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C8 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 OneElementPresenceRule

At least one of these subelements must be present.

C12 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.

C13 ValidationByTable

Must be a valid terrestrial language.

4.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

4.4.1 Header <Hdr>

Presence: [1..1]

Definition: Completion advice message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		176
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		178
	ExchangeIdentification <XchgId>	[1..1]	Quantity		178
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		178
	CreationDateTime <CreDtTm>	[1..1]	DateTime		178
	InitiatingParty <InitgPty>	[1..1]	±		178
	RecipientParty <RcptPty>	[0..1]	±		178
	Traceability <Tracblt>	[0..*]	±		179

4.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

4.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

4.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

4.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

4.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

4.4.2 CompletionAdvice <CmpltnAdv>

Presence: [1..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdv> contains the following **AcceptorCompletionAdvice14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	186
	Context <Cntxt>	[0..1]		C10	192
	PaymentContext <PmtCntxt>	[0..1]			195
	CardPresent <CardPres>	[0..1]	Indicator		195
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		195
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		196
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		196
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		196
	TransactionChannel <TxChanl>	[0..1]	CodeSet		196
	BusinessArea <BizArea>	[0..1]	CodeSet		197
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		197
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	197
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		198
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		198
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		199
	SaleContext <SaleCntxt>	[0..1]			199
	SaleIdentification <SaleId>	[0..1]	Text		200
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		200
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		201
	CashierIdentification <CshrId>	[0..1]	Text		201
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	201
	ShiftNumber <ShftNb>	[0..1]	Text		201
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		201
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		201
	InvoiceNumber <InvNb>	[0..1]	Text		201
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		202
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			202
	CommonName <CmonNm>	[1..1]	Text		202
	Address <Adr>	[0..1]	Text		202
	CountryCode <CtryCd>	[1..1]	CodeSet		202
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		202

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		202
	SplitPayment <SpltPmt>	[0..1]	Indicator		203
	RemainingAmount <RmngAmt>	[0..1]	Amount		203
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		203
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		203
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		203
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		204
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		204
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	204
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		205
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		205
	SystemToNotify <SysToNtfy>	[0..1]	Text		205
	Debtor <Dbtr>	[0..1]	±		206
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	207
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		207
	Creditor <Cdtr>	[0..1]	±		207
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	208
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			209
	Debtor <Dbtr>	[0..1]	±		210
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	211
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		212
	Creditor <Cdtr>	[0..1]	±		212
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	213
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		214
	MandateRelatedInformation <MndtRltdInf>	[1..1]			214
	MandateIdentification <MndtId>	[1..1]	Text		215
	DateOfSignature <DtOfSgntr>	[0..1]	Date		215
	MandateImage <MndtImg>	[0..1]	Binary		215
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		215
	Transaction <Tx>	[1..1]			215

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		220
	TransactionType <TxTp>	[0..1]	CodeSet		220
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		221
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		222
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		222
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		222
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		222
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		223
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		223
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		223
	TransactionIdentification <TxId>	[1..1]	±		223
	OriginalTransaction <OrgnlTx>	[0..1]	±		223
	TransactionSuccess <TxSucss>	[1..1]	Indicator		224
	Reversal <Rvsl>	[0..1]	Indicator		224
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		225
	FailureReason <FailRsn>	[0..*]	CodeSet		225
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		226
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		226
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		226
	InterchangeData <IntrchnngData>	[0..1]	Text		226
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		226
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		226
	TransactionDetails <TxDtls>	[1..1]			226
	Currency <Ccy>	[0..1]	CodeSet	C1	229
	TotalAmount <TtlAmt>	[1..1]	Amount		229
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		229
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		229
	DetailedAmount <DtldAmt>	[0..1]	±		229
	RequestedAmount <ReqdAmt>	[0..1]	Amount		230
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		230
	InvoiceAmount <InvcAmt>	[0..1]	Amount		230

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		230
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		230
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		231
	AccountType <AcctTp>	[0..1]	CodeSet		231
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			232
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		234
	Conversion <Convs>	[0..1]			234
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		236
	TargetCurrency <TrgtCcy>	[1..1]			236
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	236
	NumericCode <NmrcCd>	[1..1]	Text		236
	Decimal <Dcml>	[1..1]	Quantity		236
	Name <Nm>	[0..1]	Text		236
	ResultingAmount <RsltAmt>	[0..1]	Amount		237
	ExchangeRate <XchgRate>	[1..1]	Rate		237
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		237
	QuotationDate <QtnDt>	[0..1]	DateTime		237
	ValidFrom <VldFr>	[0..1]	DateTime		237
	ValidUntil <VldUntil>	[0..1]	DateTime		237
	SourceCurrency <SrcCcy>	[1..1]			237
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	238
	NumericCode <NmrcCd>	[0..1]	Text		238
	Decimal <Dcml>	[0..1]	Quantity		238
	Name <Nm>	[0..1]	Text		238
	ApplicableBinRange <AplblBinRg>	[0..*]			238
	LowerBin <LwrBin>	[1..1]	Text		239
	HigherBin <HghrBin>	[1..1]	Text		239
	OriginalAmount <OrgnlAmt>	[0..1]			239
	ActualAmount <ActlAmt>	[0..1]	Amount		239
	MinimumAmount <MinAmt>	[0..1]	Amount		239
	MaximumAmount <MaxAmt>	[0..1]	Amount		239

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			240
	Amount <Amt>	[1..1]	Amount		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	MarkUpDetails <MrkUpDtls>	[0..*]			240
	Rate <Rate>	[1..1]	Rate		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	DeclarationDetails <DclrtnDtls>	[0..*]	±		240
	Instalment <Instlmt>	[0..*]	±		241
	Recurring <Rcrng>	[0..1]	±		242
	AggregationTransaction <AggtnTx>	[0..1]	±		243
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		243
	SaleItem <Saleitm>	[0..*]	±		243
	DeliveryLocation <DlvryLctn>	[0..1]	Text		244
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		244
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		244
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		244
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		245
	AdditionalInformation <AddtlInf>	[0..*]			245
	Identification <Id>	[1..1]	Text		245
	Value <Val>	[0..1]	Binary		245
	ProtectedValue <PrctcdVal>	[0..1]	±		245
	Type <Tp>	[0..1]	Text		246
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		246
	AuthorisationResult <AuthstnRslt>	[0..1]			246
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		246
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			247
	Response <Rspn>	[1..1]	CodeSet		247
	ResponseReason <RspnRsn>	[0..1]	Text		247
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		248
	AuthorisationCode <AuthstnCd>	[0..1]	Text		248
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		248

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			248
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		249
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		250
	AccountName <AcctNm>	[0..1]	Text		250
	AccountOwner <AcctOwnr>	[0..1]			251
	Name <Nm>	[1..1]	Text		251
	Address <Adr>	[1..1]	±		251
	Currency <Ccy>	[0..1]	CodeSet	C1	251
	AccountIdentifier <AcctIdr>	[0..1]			252
{Or	Card <Card>	[1..1]	Text		252
Or	MSISDN <MSISDN>	[1..1]	Text		252
Or	EMail <EMail>	[1..1]	Text		252
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	252
Or	BBAN <BBAN>	[1..1]	IdentifierSet		253
Or	UPIC <UPIC>	[1..1]	IdentifierSet		253
Or	Domestic <Dmst>	[1..1]	Text		253
Or}	Other <Othr>	[1..1]	Text		253
	Servicer <Svcr>	[0..1]			253
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	254
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		254
	AccountTo <AcctTo>	[0..1]			254
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		255
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		256
	AccountName <AcctNm>	[0..1]	Text		256
	AccountOwner <AcctOwnr>	[0..1]			257
	Name <Nm>	[1..1]	Text		257
	Address <Adr>	[1..1]	±		257
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	AccountIdentifier <AcctIdr>	[0..1]			258
{Or	Card <Card>	[1..1]	Text		258
Or	MSISDN <MSISDN>	[1..1]	Text		258

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		258
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	258
Or	BBAN <BBAN>	[1..1]	IdentifierSet		259
Or	UPIC <UPIC>	[1..1]	IdentifierSet		259
Or	Domestic <Dmst>	[1..1]	Text		259
Or}	Other <Othr>	[1..1]	Text		259
	Servicer <Svcr>	[0..1]			259
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	260
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		260
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		260
	SupplementaryData <SplmtryData>	[0..*]	±	C12	260

4.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

4.4.2.2 Context <Cntxt>

Presence: [0..1]

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

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			195
	CardPresent <CardPres>	[0..1]	Indicator		195
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		195
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		196
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		196
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		196
	TransactionChannel <TxChanl>	[0..1]	CodeSet		196
	BusinessArea <BizArea>	[0..1]	CodeSet		197
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		197
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	197
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		198
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		198
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		199
	SaleContext <SaleCntxt>	[0..1]			199
	SaleIdentification <SaleId>	[0..1]	Text		200
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		200
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		201
	CashierIdentification <CshrId>	[0..1]	Text		201
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	201
	ShiftNumber <ShftNb>	[0..1]	Text		201
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		201
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		201
	InvoiceNumber <InvcNb>	[0..1]	Text		201
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		202
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			202
	CommonName <CmonNm>	[1..1]	Text		202
	Address <Adr>	[0..1]	Text		202
	CountryCode <CtryCd>	[1..1]	CodeSet		202
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		202
	RegisteredIdentifier <Regldr>	[1..1]	Text		202
	SplitPayment <SpltPmt>	[0..1]	Indicator		203

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		203
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		203
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		203
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		203
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		204
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		204
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	204
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		205
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		205
	SystemToNotify <SysToNtfy>	[0..1]	Text		205
	Debtor <Dbtr>	[0..1]	±		206
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	207
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		207
	Creditor <Cdtr>	[0..1]	±		207
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	208
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		209
	DirectDebitContext <DrctDbtCntxt>	[0..1]			209
	Debtor <Dbtr>	[0..1]	±		210
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	211
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		212
	Creditor <Cdtr>	[0..1]	±		212
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	213
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		214
	MandateRelatedInformation <MndtRltdInf>	[1..1]			214
	MandateIdentification <MndtId>	[1..1]	Text		215
	DateOfSignature <DtOfSgntr>	[0..1]	Date		215
	MandateImage <MndtImg>	[0..1]	Binary		215
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		215

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

4.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		195
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		195
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		196
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		196
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		196
	TransactionChannel <TxChanl>	[0..1]	CodeSet		196
	BusinessArea <BizArea>	[0..1]	CodeSet		197
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		197
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	197
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		198
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		198
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		199

4.4.2.2.1.1 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 2376](#)):

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

4.4.2.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

4.4.2.2.1.3 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 2376):

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

4.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

4.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

4.4.2.2.1.6 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 2370

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.

4.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

4.4.2.2.1.8 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 2376):

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

4.4.2.2.1.9 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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

4.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

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.)

4.4.2.2.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

4.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

4.4.2.2.2 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		200
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		200
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		201
	CashierIdentification <CshrId>	[0..1]	Text		201
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	201
	ShiftNumber <ShftNb>	[0..1]	Text		201
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		201
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		201
	InvoiceNumber <InvcNb>	[0..1]	Text		201
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		202
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			202
	CommonName <CmonNm>	[1..1]	Text		202
	Address <Adr>	[0..1]	Text		202
	CountryCode <CtryCd>	[1..1]	CodeSet		202
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		202
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		202
	SplitPayment <SpltPmt>	[0..1]	Indicator		203
	RemainingAmount <RmngAmt>	[0..1]	Amount		203
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		203
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		203
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		203
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		204
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		204

4.4.2.2.2.1 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 2382

4.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

4.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

4.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

4.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

4.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

4.4.2.2.2.7 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 2376):

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

4.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

4.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

4.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

4.4.2.2.2.11 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		202
	Address <Adr>	[0..1]	Text		202
	CountryCode <CtryCd>	[1..1]	CodeSet		202
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		202
	RegisteredIdentifier <Regldr>	[1..1]	Text		202

4.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

4.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

4.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

4.4.2.2.2.11.4 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 2385

4.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

4.4.2.2.2.12 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 2376):

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

4.4.2.2.2.13 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 2313

4.4.2.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

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

4.4.2.2.2.15 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 2376):

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

4.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

4.4.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

4.4.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

4.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		205
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		205
	SystemToNotify <SysToNtfy>	[0..1]	Text		205
	Debtor <Dbtr>	[0..1]	±		206
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	207
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		207
	Creditor <Cdtr>	[0..1]	±		207
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	208
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		209

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

4.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

4.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

4.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

4.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

4.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

4.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

4.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

4.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

4.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

4.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		210
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	211
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		212
	Creditor <Cdtr>	[0..1]	±		212
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	213
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		214
	MandateRelatedInformation <MndtRltdInf>	[1..1]			214
	MandateIdentification <MndtId>	[1..1]	Text		215
	DateOfSignature <DtOfSgntr>	[0..1]	Date		215
	MandateImage <MndtImg>	[0..1]	Binary		215
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		215

4.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

4.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

4.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

4.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

4.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

4.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

4.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		215
	DateOfSignature <DtOfSgntr>	[0..1]	Date		215
	MandateImage <MndtImg>	[0..1]	Binary		215
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		215

4.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

4.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

4.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

4.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

4.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction140** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		220
	TransactionType <TxTp>	[0..1]	CodeSet		220
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		221
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		222
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		222
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		222
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		222
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		223
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		223
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		223
	TransactionIdentification <TxId>	[1..1]	±		223
	OriginalTransaction <OrgnlTx>	[0..1]	±		223
	TransactionSuccess <TxSucss>	[1..1]	Indicator		224
	Reversal <Rvs/ >	[0..1]	Indicator		224
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		225
	FailureReason <FailrRsn>	[0..*]	CodeSet		225
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		226
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		226
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		226
	InterchangeData <IntrchnngData>	[0..1]	Text		226
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		226
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		226
	TransactionDetails <TxDtls>	[1..1]			226
	Currency <Ccy>	[0..1]	CodeSet	C1	229
	TotalAmount <TtlAmt>	[1..1]	Amount		229
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		229
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		229
	DetailedAmount <DtlAmt>	[0..1]	±		229
	RequestedAmount <ReqdAmt>	[0..1]	Amount		230
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		230
	InvoiceAmount <InvAmt>	[0..1]	Amount		230

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		230
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		230
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		231
	AccountType <AcctTp>	[0..1]	CodeSet		231
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			232
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		234
	Conversion <Convs>	[0..1]			234
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		236
	TargetCurrency <TrgtCcy>	[1..1]			236
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	236
	NumericCode <NmrcCd>	[1..1]	Text		236
	Decimal <Dcml>	[1..1]	Quantity		236
	Name <Nm>	[0..1]	Text		236
	ResultingAmount <RsltgAmt>	[0..1]	Amount		237
	ExchangeRate <XchgRate>	[1..1]	Rate		237
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		237
	QuotationDate <QtnDt>	[0..1]	DateTime		237
	ValidFrom <VldFr>	[0..1]	DateTime		237
	ValidUntil <VldUntil>	[0..1]	DateTime		237
	SourceCurrency <SrcCcy>	[1..1]			237
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	238
	NumericCode <NmrcCd>	[0..1]	Text		238
	Decimal <Dcml>	[0..1]	Quantity		238
	Name <Nm>	[0..1]	Text		238
	ApplicableBinRange <AplblBinRng>	[0..*]			238
	LowerBin <LwrBin>	[1..1]	Text		239
	HigherBin <HghrBin>	[1..1]	Text		239
	OriginalAmount <OrgnlAmt>	[0..1]			239
	ActualAmount <ActlAmt>	[0..1]	Amount		239
	MinimumAmount <MinAmt>	[0..1]	Amount		239
	MaximumAmount <MaxAmt>	[0..1]	Amount		239

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			240
	Amount <Amt>	[1..1]	Amount		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	MarkUpDetails <MrkUpDtls>	[0..*]			240
	Rate <Rate>	[1..1]	Rate		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	DeclarationDetails <DclrtDtls>	[0..*]	±		240
	Instalment <Instlmt>	[0..*]	±		241
	Recurring <Rcrng>	[0..1]	±		242
	AggregationTransaction <AggtnTx>	[0..1]	±		243
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		243
	SaleItem <Saleitm>	[0..*]	±		243
	DeliveryLocation <DlvryLctn>	[0..1]	Text		244
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		244
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		244
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		244
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		245
	AdditionalInformation <AddtlInf>	[0..*]			245
	Identification <Id>	[1..1]	Text		245
	Value <Val>	[0..1]	Binary		245
	ProtectedValue <PrctcdVal>	[0..1]	±		245
	Type <Tp>	[0..1]	Text		246
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		246
	AuthorisationResult <AuthstnRslt>	[0..1]			246
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		246
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			247
	Response <Rspn>	[1..1]	CodeSet		247
	ResponseReason <RspnRsn>	[0..1]	Text		247
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		248
	AuthorisationCode <AuthstnCd>	[0..1]	Text		248
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		248

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			248
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		249
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		250
	AccountName <AcctNm>	[0..1]	Text		250
	AccountOwner <AcctOwnr>	[0..1]			251
	Name <Nm>	[1..1]	Text		251
	Address <Adr>	[1..1]	±		251
	Currency <Ccy>	[0..1]	CodeSet	C1	251
	AccountIdentifier <AcctIdr>	[0..1]			252
{Or	Card <Card>	[1..1]	Text		252
Or	MSISDN <MSISDN>	[1..1]	Text		252
Or	EMail <EMail>	[1..1]	Text		252
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	252
Or	BBAN <BBAN>	[1..1]	IdentifierSet		253
Or	UPIC <UPIC>	[1..1]	IdentifierSet		253
Or	Domestic <Dmst>	[1..1]	Text		253
Or}	Other <Othr>	[1..1]	Text		253
	Servicer <Svcr>	[0..1]			253
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	254
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		254
	AccountTo <AcctTo>	[0..1]			254
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		255
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		256
	AccountName <AcctNm>	[0..1]	Text		256
	AccountOwner <AcctOwnr>	[0..1]			257
	Name <Nm>	[1..1]	Text		257
	Address <Adr>	[1..1]	±		257
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	AccountIdentifier <AcctIdr>	[0..1]			258
{Or	Card <Card>	[1..1]	Text		258
Or	MSISDN <MSISDN>	[1..1]	Text		258

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		258
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C6	258
Or	B BAN <BBAN>	[1..1]	IdentifierSet		259
Or	U PIC <UPIC>	[1..1]	IdentifierSet		259
Or	D omestic <Dmst>	[1..1]	Text		259
Or}	O ther <Othr>	[1..1]	Text		259
	S ervicer <Svcr>	[0..1]			259
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	260
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		260
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		260

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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *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 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.

CodeName	Name	Definition
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

4.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

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: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

4.4.2.3.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *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 2385

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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

4.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 2382

4.4.2.3.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

4.4.2.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

4.4.2.3.13 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

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

4.4.2.3.15 MerchantOverride <MrchntOvrdd>

Presence: [0..1]

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

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *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 2344

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 2382

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 2380

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 2382

4.4.2.3.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

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 2380

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 2380

4.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	229
	TotalAmount <TtlAmt>	[1..1]	Amount		229
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		229
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		229
	DetailedAmount <DtldAmt>	[0..1]	±		229
	RequestedAmount <ReqdAmt>	[0..1]	Amount		230
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		230
	InvoiceAmount <InvcAmt>	[0..1]	Amount		230
	ValidityDate <VldtyDt>	[0..1]	Date		230
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		230
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		231
	AccountType <AcctTp>	[0..1]	CodeSet		231
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			232
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		234
	Conversion <Convs>	[0..1]			234
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		236
	TargetCurrency <TrgtCcy>	[1..1]			236
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	236
	NumericCode <NmrcCd>	[1..1]	Text		236
	Decimal <Dcml>	[1..1]	Quantity		236
	Name <Nm>	[0..1]	Text		236
	ResultingAmount <RsltgAmt>	[0..1]	Amount		237
	ExchangeRate <XchgRate>	[1..1]	Rate		237
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		237
	QuotationDate <QtnDt>	[0..1]	DateTime		237
	ValidFrom <VldFr>	[0..1]	DateTime		237
	ValidUntil <VldUntil>	[0..1]	DateTime		237
	SourceCurrency <SrcCcy>	[1..1]			237
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	238
	NumericCode <NmrcCd>	[0..1]	Text		238
	Decimal <Dcml>	[0..1]	Quantity		238

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		238
	ApplicableBinRange <ApblBinRg>	[0..*]			238
	LowerBin <LwrBin>	[1..1]	Text		239
	HigherBin <HghrBin>	[1..1]	Text		239
	OriginalAmount <OrgnlAmt>	[0..1]			239
	ActualAmount <ActlAmt>	[0..1]	Amount		239
	MinimumAmount <MinAmt>	[0..1]	Amount		239
	MaximumAmount <MaxAmt>	[0..1]	Amount		239
	CommissionDetails <ComssnDtls>	[0..*]			240
	Amount <Amt>	[1..1]	Amount		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	MarkUpDetails <MrkUpDtls>	[0..*]			240
	Rate <Rate>	[1..1]	Rate		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	DeclarationDetails <DclrtDtls>	[0..*]	±		240
	Instalment <Instlmt>	[0..*]	±		241
	Recurring <Rcrng>	[0..1]	±		242
	AggregationTransaction <AggtTx>	[0..1]	±		243
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		243
	SaleItem <Saleitm>	[0..*]	±		243
	DeliveryLocation <DivryLctn>	[0..1]	Text		244
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		244
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		244
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		244
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		245
	AdditionalInformation <AddtlInf>	[0..*]			245
	Identification <Id>	[1..1]	Text		245
	Value <Val>	[0..1]	Binary		245
	ProtectedValue <PrctcdVal>	[0..1]	±		245
	Type <Tp>	[0..1]	Text		246
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		246

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2313

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 2313

4.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

4.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

4.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2313

4.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

4.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

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

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

4.4.2.3.23.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2382

4.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

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

4.4.2.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		234
	Conversion <Convs>	[0..1]			234
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		236
	TargetCurrency <TrgtCcy>	[1..1]			236
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	236
	NumericCode <NmrcCd>	[1..1]	Text		236
	Decimal <Dcml>	[1..1]	Quantity		236
	Name <Nm>	[0..1]	Text		236
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		237
	ExchangeRate <XchgRate>	[1..1]	Rate		237
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		237
	QuotationDate <QtnDt>	[0..1]	DateTime		237
	ValidFrom <VldFr>	[0..1]	DateTime		237
	ValidUntil <VldUntil>	[0..1]	DateTime		237
	SourceCurrency <SrcCcy>	[1..1]			237
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	238
	NumericCode <NmrcCd>	[0..1]	Text		238
	Decimal <Dcml>	[0..1]	Quantity		238
	Name <Nm>	[0..1]	Text		238
	ApplicableBinRange <AplblBinRg>	[0..*]			238
	LowerBin <LwrBin>	[1..1]	Text		239
	HigherBin <HghrBin>	[1..1]	Text		239
	OriginalAmount <OrgnlAmt>	[0..1]			239
	ActualAmount <ActlAmt>	[0..1]	Amount		239
	MinimumAmount <MinAmt>	[0..1]	Amount		239
	MaximumAmount <MaxAmt>	[0..1]	Amount		239
	CommissionDetails <ComssnDtls>	[0..*]			240
	Amount <Amt>	[1..1]	Amount		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	MarkUpDetails <MrkUpDtls>	[0..*]			240

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	DeclarationDetails <DclrtnDtls>	[0..*]	±		240

4.4.2.3.23.13.1 AcceptedByCardholder <AcptdByCrdhdr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

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

4.4.2.3.23.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		236
	TargetCurrency <TrgtCcy>	[1..1]			236
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	236
	NumericCode <NmrcCd>	[1..1]	Text		236
	Decimal <Dcml>	[1..1]	Quantity		236
	Name <Nm>	[0..1]	Text		236
	ResultingAmount <RsltAmt>	[0..1]	Amount		237
	ExchangeRate <XchgRate>	[1..1]	Rate		237
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		237
	QuotationDate <QtnDt>	[0..1]	DateTime		237
	ValidFrom <VldFr>	[0..1]	DateTime		237
	ValidUntil <VldUntil>	[0..1]	DateTime		237
	SourceCurrency <SrcCcy>	[1..1]			237
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	238
	NumericCode <NmrcCd>	[0..1]	Text		238
	Decimal <Dcml>	[0..1]	Quantity		238
	Name <Nm>	[0..1]	Text		238
	ApplicableBinRange <AplblBinRg>	[0..*]			238
	LowerBin <LwrBin>	[1..1]	Text		239
	HigherBin <HghrBin>	[1..1]	Text		239
	OriginalAmount <OrgnlAmt>	[0..1]			239
	ActualAmount <ActlAmt>	[0..1]	Amount		239
	MinimumAmount <MinAmt>	[0..1]	Amount		239
	MaximumAmount <MaxAmt>	[0..1]	Amount		239
	CommissionDetails <ComssnDtls>	[0..*]			240
	Amount <Amt>	[1..1]	Amount		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	MarkUpDetails <MrkUpDtls>	[0..*]			240
	Rate <Rate>	[1..1]	Rate		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240
	DeclarationDetails <DclrtDtls>	[0..*]	±		240

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 2382

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	236
	NumericCode <NmrcCd>	[1..1]	Text		236
	Decimal <Dcml>	[1..1]	Quantity		236
	Name <Nm>	[0..1]	Text		236

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2378

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 2377

4.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

4.4.2.3.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2378

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 2378

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 2374

4.4.2.3.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

4.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

4.4.2.3.23.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	238
	NumericCode <NmrcCd>	[0..1]	Text		238
	Decimal <Dcml>	[0..1]	Quantity		238
	Name <Nm>	[0..1]	Text		238

4.4.2.3.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

4.4.2.3.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

4.4.2.3.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

4.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

4.4.2.3.23.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		239
	HigherBin <HghrBin>	[1..1]	Text		239

4.4.2.3.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

4.4.2.3.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

4.4.2.3.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		239
	MinimumAmount <MinAmt>	[0..1]	Amount		239
	MaximumAmount <MaxAmt>	[0..1]	Amount		239

4.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

4.4.2.3.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

4.4.2.3.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

4.4.2.3.23.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240

4.4.2.3.23.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

4.4.2.3.23.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

4.4.2.3.23.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		240
	AdditionalInformation <AddtlInf>	[0..1]	Text		240

4.4.2.3.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

4.4.2.3.23.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

4.4.2.3.23.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrCdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

4.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

4.4.2.3.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

4.4.2.3.23.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

4.4.2.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

4.4.2.3.23.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

4.4.2.3.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

4.4.2.3.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

4.4.2.3.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

4.4.2.3.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

4.4.2.3.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

4.4.2.3.23.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		245
	Value <Val>	[0..1]	Binary		245
	ProtectedValue <PrtctdVal>	[0..1]	±		245
	Type <Tp>	[0..1]	Text		246

4.4.2.3.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

4.4.2.3.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

4.4.2.3.23.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

4.4.2.3.23.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2379

4.4.2.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

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]	±		246
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			247
	Response <Rspn>	[1..1]	CodeSet		247
	ResponseReason <RspnRsn>	[0..1]	Text		247
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		248
	AuthorisationCode <AuthstnCd>	[0..1]	Text		248

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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

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		247
	ResponseReason <RspnRsn>	[0..1]	Text		247
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		248

4.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2363

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 2382

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 2380

4.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

4.4.2.3.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2384

4.4.2.3.26 AccountFrom <AcctFr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		249
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		250
	AccountName <AcctNm>	[0..1]	Text		250
	AccountOwner <AcctOwnr>	[0..1]			251
	Name <Nm>	[1..1]	Text		251
	Address <Adr>	[1..1]	±		251
	Currency <Ccy>	[0..1]	CodeSet	C1	251
	AccountIdentifier <AcctIdr>	[0..1]			252
{Or	Card <Card>	[1..1]	Text		252
Or	MSISDN <MSISDN>	[1..1]	Text		252
Or	EMail <EMail>	[1..1]	Text		252
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	252
Or	BBAN <BBAN>	[1..1]	IdentifierSet		253
Or	UPIC <UPIC>	[1..1]	IdentifierSet		253
Or	Domestic <Dmst>	[1..1]	Text		253
Or}	Other <Othr>	[1..1]	Text		253
	Servicer <Svcr>	[0..1]			253
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	254
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		254

4.4.2.3.26.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 2315

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

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

4.4.2.3.26.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

4.4.2.3.26.3 AccountName <AcctNm>

Presence: [0..1]

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

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

Datatype: "Max70Text" on page 2384

4.4.2.3.26.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		251
	Address <Adr>	[1..1]	±		251

4.4.2.3.26.4.1 Name <Nm>

Presence: [1..1]

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

Datatype: "Max70Text" on page 2384

4.4.2.3.26.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

4.4.2.3.26.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

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

4.4.2.3.26.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		252
Or	MSISDN <MSISDN>	[1..1]	Text		252
Or	EMail <EMail>	[1..1]	Text		252
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	252
Or	BBAN <BBAN>	[1..1]	IdentifierSet		253
Or	UPIC <UPIC>	[1..1]	IdentifierSet		253
Or	Domestic <Dmst>	[1..1]	Text		253
Or}	Other <Othr>	[1..1]	Text		253

4.4.2.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

4.4.2.3.26.6.2 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max16Text" on page 2380

4.4.2.3.26.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

4.4.2.3.26.6.4 IBAN <IBAN>

Presence: [1..1]

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

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

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

4.4.2.3.26.6.5 BBAN <BBAN>

Presence: [1..1]

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

Datatype: "BBANIdentifier" on page 2375

4.4.2.3.26.6.6 UPIC <UPIC>

Presence: [1..1]

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

Datatype: "UPICIdentifier" on page 2376

4.4.2.3.26.6.7 Domestic <Dmst>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

4.4.2.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

4.4.2.3.26.7 Servicer <Svcr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	254
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		254

4.4.2.3.26.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

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

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

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

4.4.2.3.26.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

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

ProprietaryIdentification <PrtryId> contains the following elements (see "[GenericIdentification1](#)" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

4.4.2.3.27 AccountTo <AcctTo>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		255
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		256
	AccountName <AcctNm>	[0..1]	Text		256
	AccountOwner <AcctOwnr>	[0..1]			257
	Name <Nm>	[1..1]	Text		257
	Address <Adr>	[1..1]	±		257
	Currency <Ccy>	[0..1]	CodeSet	C1	257
	AccountIdentifier <AcctIdr>	[0..1]			258
{Or	Card <Card>	[1..1]	Text		258
Or	MSISDN <MSISDN>	[1..1]	Text		258
Or	EMail <EMail>	[1..1]	Text		258
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	258
Or	BBAN <BBAN>	[1..1]	IdentifierSet		259
Or	UPIC <UPIC>	[1..1]	IdentifierSet		259
Or	Domestic <Dmst>	[1..1]	Text		259
Or}	Other <Othr>	[1..1]	Text		259
	Servicer <Svcr>	[0..1]			259
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	260
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		260

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 2315

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 2331

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 2384

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		257
	Address <Adr>	[1..1]	±		257

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 2384

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 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

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 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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		258
Or	MSISDN <MSISDN>	[1..1]	Text		258
Or	EMail <EMail>	[1..1]	Text		258
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	258
Or	BBAN <BBAN>	[1..1]	IdentifierSet		259
Or	UPIC <UPIC>	[1..1]	IdentifierSet		259
Or	Domestic <Dmst>	[1..1]	Text		259
Or}	Other <Othr>	[1..1]	Text		259

4.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

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 2380

4.4.2.3.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

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: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

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 2375

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 2376

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 2382

4.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

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	C3	260
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		260

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: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

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 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

4.4.2.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

4.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C12 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

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

4.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

5 **caaa.004.001.13** **AcceptorCompletionAdviceResponseV13**

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 AcceptorCompletionAdviceResponseV13 MessageDefinition is composed of 3 MessageBuildingBlocks:

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

5.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCmpltnAdvcrspn>	[1..1]			
	Header <Hdr>	[1..1]			264
	MessageFunction <MsgFctn>	[1..1]	CodeSet		264
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		266
	ExchangeIdentification <XchgId>	[1..1]	Quantity		266
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		266
	CreationDateTime <CreDtTm>	[1..1]	DateTime		266
	InitiatingParty <InitgPty>	[1..1]	±		266
	RecipientParty <RcptPty>	[0..1]	±		267
	Traceability <Tracblt>	[0..*]	±		267
	CompletionAdviceResponse <CmpltnAdvcrspn>	[1..1]			268
	Environment <Envt>	[1..1]	±	C3	268
	Transaction <Tx>	[1..1]			274
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		275
	TransactionIdentification <TxId>	[1..1]	±		275
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		275
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		275
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		275
	Response <Rspn>	[1..1]	CodeSet		276
	TMSTrigger <TMSTrggr>	[0..1]			276
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		276
	TMSIdentification <TMSId>	[0..1]	Text		276
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		277
	SupplementaryData <SplmtryData>	[0..*]	±	C4	277
	SecurityTrailer <SctyTrlr>	[0..1]	±		277

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 OneElementPresenceRule

At least one of these subelements must be present.

C4 SupplementaryDataRule

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

C5 ValidationByTable

Must be a valid terrestrial language.

5.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

5.4.1 Header <Hdr>

Presence: [1..1]

Definition: Completion advice response message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		264
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		266
	ExchangeIdentification <XchgId>	[1..1]	Quantity		266
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		266
	CreationDateTime <CreDtTm>	[1..1]	DateTime		266
	InitiatingParty <InitgPty>	[1..1]	±		266
	RecipientParty <RcptPty>	[0..1]	±		267
	Traceability <Tracblt>	[0..*]	±		267

5.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

5.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

5.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

5.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

5.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

5.4.2 CompletionAdviceResponse <CmpltnAdvcrspn>

Presence: [1..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcrspn> contains the following
AcceptorCompletionAdviceResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	268
	Transaction <Tx>	[1..1]			274
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		275
	TransactionIdentification <TxId>	[1..1]	±		275
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		275
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		275
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		275
	Response <Rspn>	[1..1]	CodeSet		276
	TMSTrigger <TMSTrggr>	[0..1]			276
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		276
	TMSIdentification <TMSId>	[0..1]	Text		276
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		277
	SupplementaryData <SplmtryData>	[0..*]	±	C4	277

5.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "CardPaymentEnvironment81" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		275
	TransactionIdentification <TxId>	[1..1]	±		275
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		275
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		275
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		275
	Response <Rspn>	[1..1]	CodeSet		276

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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 2380

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 2382

5.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2363

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 <TMSTrgr>

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		276
	TMSIdentification <TMSId>	[0..1]	Text		276
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		277

5.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

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 2382

5.4.2.3.3 TMSContactDateTime <TMSctctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

5.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C4 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

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

5.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

6 caaa.005.001.14 AcceptorCancellationRequestV14

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 AcceptorCancellationRequestV14 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]			283
	MessageFunction <MsgFctn>	[1..1]	CodeSet		283
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		285
	ExchangeIdentification <XchgId>	[1..1]	Quantity		285
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		285
	CreationDateTime <CreDtTm>	[1..1]	DateTime		285
	InitiatingParty <InitgPty>	[1..1]	±		285
	RecipientParty <RcptPty>	[0..1]	±		285
	Traceability <Tracblt>	[0..*]	±		286
	CancellationRequest <CxlReq>	[1..1]			286
	Environment <Envt>	[1..1]	±	C8	289
	Context <Cntxt>	[1..1]		C9	295
	PaymentContext <PmtCntxt>	[0..1]			298
	CardPresent <CardPres>	[0..1]	Indicator		298
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		298
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		299
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		299
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		299
	TransactionChannel <TxChanl>	[0..1]	CodeSet		299
	BusinessArea <BizArea>	[0..1]	CodeSet		300
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		300
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	300
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		301
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		301
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		302
	SaleContext <SaleCntxt>	[0..1]			302
	SaleIdentification <SaleId>	[0..1]	Text		303
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		303
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		304

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		304
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	304
	ShiftNumber <ShftNb>	[0..1]	Text		304
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		304
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		304
	InvoiceNumber <InvcNb>	[0..1]	Text		304
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		305
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			305
	CommonName <CmonNm>	[1..1]	Text		305
	Address <Adr>	[0..1]	Text		305
	CountryCode <CtryCd>	[1..1]	CodeSet		305
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		305
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		305
	SplitPayment <SplitPmt>	[0..1]	Indicator		306
	RemainingAmount <RmngAmt>	[0..1]	Amount		306
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		306
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		306
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		306
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		307
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		307
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	307
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		308
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		308
	SystemToNotify <SysToNtfy>	[0..1]	Text		308
	Debtor <Dbtr>	[0..1]	±		309
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	310
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		310
	Creditor <Cdtr>	[0..1]	±		310
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	311
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		312
	DirectDebitContext <DrctDbtCntxt>	[0..1]			312

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		313
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	314
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		315
	Creditor <Cdtr>	[0..1]	±		315
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	316
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		317
	MandateRelatedInformation <MndtRltdInf>	[1..1]			317
	MandateIdentification <MndtId>	[1..1]	Text		318
	DateOfSignature <DtOfSgntr>	[0..1]	Date		318
	MandateImage <MndtImg>	[0..1]	Binary		318
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		318
	Transaction <Tx>	[1..1]			318
	TransactionCapture <TxCaptr>	[0..1]	Indicator		319
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		319
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		320
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		320
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		320
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		320
	TransactionIdentification <TxId>	[1..1]	±		320
	OriginalTransaction <OrgnlTx>	[1..1]	±		320
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		321
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		321
	ReconciliationIdentification <RcnclnId>	[0..1]	Text		321
	TransactionDetails <TxDtls>	[1..1]			322
	Currency <Ccy>	[0..1]	CodeSet	C1	322
	TotalAmount <TtlAmt>	[1..1]	Amount		322
	ValidityDate <VldtyDt>	[0..1]	Date		322
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		322
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		323
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		323
	SecurityTrailer <SctyTrlr>	[0..1]	±		323

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 **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 **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.

C4 **Country**

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

C5 **IBAN**

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

C6 **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C7 **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

C8 **OneElementPresenceRule**

At least one of these subelements must be present.

C9 **OneElementPresenceRule**

At least one of these subelements must be present.

C10 **OneElementPresenceRule**

At least one of these subelements must be present.

C11 **ValidationByTable**

Must be a valid terrestrial language.

6.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

6.4.1 Header <Hdr>

Presence: [1..1]

Definition: Cancellation request message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		283
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		285
	ExchangeIdentification <XchgId>	[1..1]	Quantity		285
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		285
	CreationDateTime <CreDtTm>	[1..1]	DateTime		285
	InitiatingParty <InitgPty>	[1..1]	±		285
	RecipientParty <RcptPty>	[0..1]	±		285
	Traceability <Tracblt>	[0..*]	±		286

6.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

6.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

6.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

6.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

6.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

6.4.2 CancellationRequest <CxlReq>

Presence: [1..1]

Definition: Information related to the cancellation request.

CancellationRequest <CxlReq> contains the following **AcceptorCancellationRequest14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	289
	Context <Cntxt>	[1..1]		C9	295
	PaymentContext <PmtCntxt>	[0..1]			298
	CardPresent <CardPres>	[0..1]	Indicator		298
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		298
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		299
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		299
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		299
	TransactionChannel <TxChanl>	[0..1]	CodeSet		299
	BusinessArea <BizArea>	[0..1]	CodeSet		300
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		300
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	300
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		301
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		301
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		302
	SaleContext <SaleCntxt>	[0..1]			302
	SaleIdentification <SaleId>	[0..1]	Text		303
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		303
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		304
	CashierIdentification <CshrId>	[0..1]	Text		304
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	304
	ShiftNumber <ShftNb>	[0..1]	Text		304
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		304
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		304
	InvoiceNumber <InvNb>	[0..1]	Text		304
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		305
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			305
	CommonName <CmonNm>	[1..1]	Text		305
	Address <Adr>	[0..1]	Text		305
	CountryCode <CtryCd>	[1..1]	CodeSet		305
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		305

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		305
	SplitPayment <SpltPmt>	[0..1]	Indicator		306
	RemainingAmount <RmngAmt>	[0..1]	Amount		306
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		306
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		306
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		306
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		307
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		307
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	307
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		308
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		308
	SystemToNotify <SysToNtfy>	[0..1]	Text		308
	Debtor <Dbtr>	[0..1]	±		309
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	310
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		310
	Creditor <Cdtr>	[0..1]	±		310
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	311
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		312
	DirectDebitContext <DrctDbtCntxt>	[0..1]			312
	Debtor <Dbtr>	[0..1]	±		313
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	314
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		315
	Creditor <Cdtr>	[0..1]	±		315
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	316
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		317
	MandateRelatedInformation <MndtRltdInf>	[1..1]			317
	MandateIdentification <MndtId>	[1..1]	Text		318
	DateOfSignature <DtOfSgntr>	[0..1]	Date		318
	MandateImage <MndtImg>	[0..1]	Binary		318
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		318
	Transaction <Tx>	[1..1]			318

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		319
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		319
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		320
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		320
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		320
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		320
	TransactionIdentification <TxId>	[1..1]	±		320
	OriginalTransaction <OrgnlTx>	[1..1]	±		320
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		321
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		321
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		321
	TransactionDetails <TxDtls>	[1..1]			322
	Currency <Ccy>	[0..1]	CodeSet	C1	322
	TotalAmount <TtlAmt>	[1..1]	Amount		322
	ValidityDate <VldtyDt>	[0..1]	Date		322
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		322
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		323
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		323

6.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

6.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Impacted by: C9 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			298
	CardPresent <CardPres>	[0..1]	Indicator		298
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		298
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		299
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		299
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		299
	TransactionChannel <TxChanl>	[0..1]	CodeSet		299
	BusinessArea <BizArea>	[0..1]	CodeSet		300
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		300
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C11	300
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		301
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		301
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		302
	SaleContext <SaleCntxt>	[0..1]			302
	SaleIdentification <SaleId>	[0..1]	Text		303
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		303
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		304
	CashierIdentification <CshrId>	[0..1]	Text		304
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	304
	ShiftNumber <ShftNb>	[0..1]	Text		304
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		304
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		304
	InvoiceNumber <InvcNb>	[0..1]	Text		304
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		305
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			305
	CommonName <CmonNm>	[1..1]	Text		305
	Address <Adr>	[0..1]	Text		305
	CountryCode <CtryCd>	[1..1]	CodeSet		305
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		305
	RegisteredIdentifier <Regldr>	[1..1]	Text		305
	SplitPayment <Spltpmt>	[0..1]	Indicator		306

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		306
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		306
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		306
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		306
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		307
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		307
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	307
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		308
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		308
	SystemToNotify <SysToNtfy>	[0..1]	Text		308
	Debtor <Dbtr>	[0..1]	±		309
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	310
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		310
	Creditor <Cdtr>	[0..1]	±		310
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	311
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		312
	DirectDebitContext <DrctDbtCntxt>	[0..1]			312
	Debtor <Dbtr>	[0..1]	±		313
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	314
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		315
	Creditor <Cdtr>	[0..1]	±		315
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	316
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		317
	MandateRelatedInformation <MndtRltdInf>	[1..1]			317
	MandateIdentification <Mndtld>	[1..1]	Text		318
	DateOfSignature <DtOfSgntr>	[0..1]	Date		318
	MandateImage <Mndtlmg>	[0..1]	Binary		318
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		318

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

6.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		298
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		298
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		299
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		299
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		299
	TransactionChannel <TxChanl>	[0..1]	CodeSet		299
	BusinessArea <BizArea>	[0..1]	CodeSet		300
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		300
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	300
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		301
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		301
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		302

6.4.2.2.1.1 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 2376](#)):

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

6.4.2.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

6.4.2.2.1.3 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 2376):

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

6.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

6.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

6.4.2.2.1.6 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 2370

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.

6.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

6.4.2.2.1.8 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 2376):

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

6.4.2.2.1.9 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: C11 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

6.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

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.)

6.4.2.2.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

6.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

6.4.2.2.2 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		303
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		303
	SaleReconciliationIdentification <SaleRcncld>	[0..1]	Text		304
	CashierIdentification <CshrId>	[0..1]	Text		304
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	304
	ShiftNumber <ShftNb>	[0..1]	Text		304
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		304
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		304
	InvoiceNumber <InvNb>	[0..1]	Text		304
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		305
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			305
	CommonName <CmonNm>	[1..1]	Text		305
	Address <Adr>	[0..1]	Text		305
	CountryCode <CtryCd>	[1..1]	CodeSet		305
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		305
	RegisteredIdentifier <Regldr>	[1..1]	Text		305
	SplitPayment <Spltpmt>	[0..1]	Indicator		306
	RemainingAmount <RmngAmt>	[0..1]	Amount		306
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		306
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		306
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		306
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		307
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		307

6.4.2.2.2.1 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 2382

6.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

6.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

6.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

6.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C11 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

6.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

6.4.2.2.2.7 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 2376):

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

6.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

6.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

6.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

6.4.2.2.2.11 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		305
	Address <Adr>	[0..1]	Text		305
	CountryCode <CtryCd>	[1..1]	CodeSet		305
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		305
	RegisteredIdentifier <Regldr>	[1..1]	Text		305

6.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

6.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

6.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

6.4.2.2.2.11.4 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 2385

6.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

6.4.2.2.2.12 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 2376):

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

6.4.2.2.2.13 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 2313

6.4.2.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

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

6.4.2.2.2.15 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 2376):

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

6.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

6.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

6.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

6.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C10 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		308
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		308
	SystemToNotify <SysToNtfy>	[0..1]	Text		308
	Debtor <Dbtr>	[0..1]	±		309
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	310
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		310
	Creditor <Cdtr>	[0..1]	±		310
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	311
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		312

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

6.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

6.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

6.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

6.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

6.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

6.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

6.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

6.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

6.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

6.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		313
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	314
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		315
	Creditor <Cdtr>	[0..1]	±		315
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	316
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		317
	MandateRelatedInformation <MndtRltdInf>	[1..1]			317
	MandateIdentification <MndtId>	[1..1]	Text		318
	DateOfSignature <DtOfSgntr>	[0..1]	Date		318
	MandateImage <MndtImg>	[0..1]	Binary		318
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		318

6.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

6.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

6.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

6.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

6.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

6.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

6.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		318
	DateOfSignature <DtOfSgntr>	[0..1]	Date		318
	MandateImage <MndtImg>	[0..1]	Binary		318
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		318

6.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

6.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

6.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

6.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

6.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction142** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		319
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		319
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		320
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		320
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		320
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		320
	TransactionIdentification <TxId>	[1..1]	±		320
	OriginalTransaction <OrgnlTx>	[1..1]	±		320
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		321
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		321
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		321
	TransactionDetails <TxDtls>	[1..1]			322
	Currency <Ccy>	[0..1]	CodeSet	C1	322
	TotalAmount <TtlAmt>	[1..1]	Amount		322
	ValidityDate <VldtyDt>	[0..1]	Date		322
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		322
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		323
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		323

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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *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 2385](#)

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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *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 2382

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 2382

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

6.4.2.3.8 OriginalTransaction <OrgnlTx>

Presence: [1..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

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 2382

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 2380

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 2382

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	322
	TotalAmount <TtlAmt>	[1..1]	Amount		322
	ValidityDate <VldtyDt>	[0..1]	Date		322
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		322
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		323

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2313

6.4.2.3.12.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

6.4.2.3.12.4 ICCRRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2313

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 2376):

- *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 2384

6.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see ["ContentInformationType37"](#) on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

7 caaa.006.001.13 AcceptorCancellationResponseV13

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 AcceptorCancellationResponseV13 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]			326
	MessageFunction <MsgFctn>	[1..1]	CodeSet		327
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		328
	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]	±		329
	Traceability <Tracblt>	[0..*]	±		330
	CancellationResponse <CxlRspn>	[1..1]			330
	Environment <Envt>	[1..1]	±	C3	332
	Transaction <Tx>	[1..1]			338
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		339
	TransactionIdentification <TxId>	[1..1]	±		339
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		339
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		340
	InterchangeData <IntrchgData>	[0..1]	Text		340
	TransactionDetails <TxDtls>	[1..1]			340
	Currency <Ccy>	[0..1]	CodeSet	C1	340
	TotalAmount <TtlAmt>	[1..1]	Amount		340
	ValidityDate <VldtyDt>	[0..1]	Date		341
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		341
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		341
	TransactionResponse <TxRspn>	[1..1]			341
	AuthorisationResult <AuthstnRslt>	[1..1]			342
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		343
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			343
	Response <Rspn>	[1..1]	CodeSet		344

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		344
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		344
	AuthorisationCode <AuthstnCd>	[0..1]	Text		344
	TMSTrigger <TMSTrggr>	[0..1]			344
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		344
	TMSIdentification <TMSId>	[0..1]	Text		345
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		345
	Action <Actn>	[0..*]			345
	ActionType <ActnTp>	[1..1]	CodeSet		345
	MessageToPresent <MsgToPres>	[0..1]	±		346
	RemoteAccess <RmotAccs>	[0..1]	±		347
	Retry <Rtry>	[0..1]	±		348
	TimeCondition <TmCond>	[0..1]	±		348
	SecurityTrailer <SctyTrlr>	[0..1]	±		348

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 OneElementPresenceRule

At least one of these subelements must be present.

C4 ValidationByTable

Must be a valid terrestrial language.

7.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

7.4.1 Header <Hdr>

Presence: [1..1]

Definition: Cancellation response message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		327
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		328
	ExchangeIdentification <XchgId>	[1..1]	Quantity		329
	ReTransmissionCounter <ReTrnsmssnCntnr>	[0..1]	Text		329
	CreationDateTime <CreDtTm>	[1..1]	DateTime		329
	InitiatingParty <InitgPty>	[1..1]	±		329
	RecipientParty <RcptPty>	[0..1]	±		329
	Traceability <Tracblt>	[0..*]	±		330

7.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

7.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

7.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

7.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

7.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

7.4.2 CancellationResponse <CxIRspn>

Presence: [1..1]

Definition: Information related to the cancellation response.

CancellationResponse <CxIRspn> contains the following **AcceptorCancellationResponse13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	332
	Transaction <Tx>	[1..1]			338
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		339
	TransactionIdentification <TxId>	[1..1]	±		339
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		339
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		340
	InterchangeData <IntrchnngData>	[0..1]	Text		340
	TransactionDetails <TxDtls>	[1..1]			340
	Currency <Ccy>	[0..1]	CodeSet	C1	340
	TotalAmount <TtlAmt>	[1..1]	Amount		340
	ValidityDate <VldtyDt>	[0..1]	Date		341
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		341
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		341
	TransactionResponse <TxRspn>	[1..1]			341
	AuthorisationResult <AuthstnRslt>	[1..1]			342
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		343
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			343
	Response <Rspn>	[1..1]	CodeSet		344
	ResponseReason <RspnRsn>	[0..1]	Text		344
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		344
	AuthorisationCode <AuthstnCd>	[0..1]	Text		344
	TMSTrigger <TMSTrggr>	[0..1]			344
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		344
	TMSIdentification <TMSId>	[0..1]	Text		345
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		345
	Action <Actn>	[0..*]			345
	ActionType <ActnTp>	[1..1]	CodeSet		345
	MessageToPresent <MsgToPres>	[0..1]	±		346
	RemoteAccess <RmotAccs>	[0..1]	±		347

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Retry <Rtry>	[0..1]	±		348
	TimeCondition <TmCond>	[0..1]	±		348

7.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "CardPaymentEnvironment81" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		339
	TransactionIdentification <TxId>	[1..1]	±		339
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		339
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		339
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		340
	InterchangeData <IntrchgData>	[0..1]	Text		340
	TransactionDetails <TxDtls>	[1..1]			340
	Currency <Ccy>	[0..1]	CodeSet	C1	340
	TotalAmount <TtlAmt>	[1..1]	Amount		340
	ValidityDate <VldtyDt>	[0..1]	Date		341
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		341
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		341

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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 2380

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 2382

7.4.2.2.6 InterchangeData <IntrchgngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

7.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	340
	TotalAmount <TtlAmt>	[1..1]	Amount		340
	ValidityDate <VldtyDt>	[0..1]	Date		341
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		341
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		341

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2313

7.4.2.2.7.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

7.4.2.2.7.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2313

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 2376):

- *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 **CardPaymentTransaction145** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			342
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		343
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			343
	Response <Rspn>	[1..1]	CodeSet		344
	ResponseReason <RspnRsn>	[0..1]	Text		344
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		344
	AuthorisationCode <AuthstnCd>	[0..1]	Text		344
	TMSTrigger <TMSTrggr>	[0..1]			344
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		344
	TMSIdentification <TMSId>	[0..1]	Text		345
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		345
	Action <Actn>	[0..*]			345
	ActionType <ActnTp>	[1..1]	CodeSet		345
	MessageToPresent <MsgToPres>	[0..1]	±		346
	RemoteAccess <RmotAccs>	[0..1]	±		347
	Retry <Rtry>	[0..1]	±		348
	TimeCondition <TmCond>	[0..1]	±		348

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]	±		343
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			343
	Response <Rspn>	[1..1]	CodeSet		344
	ResponseReason <RspnRsn>	[0..1]	Text		344
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		344
	AuthorisationCode <AuthstnCd>	[0..1]	Text		344
	TMSTrigger <TMSTrggr>	[0..1]			344
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		344
	TMSIdentification <TMSId>	[0..1]	Text		345
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		345

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 2012](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

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		344
	ResponseReason <RspnRsn>	[0..1]	Text		344
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		344

7.4.2.3.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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 2382

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 2380

7.4.2.3.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

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		344
	TMSIdentification <TMSId>	[0..1]	Text		345
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		345

7.4.2.3.1.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

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 2382

7.4.2.3.1.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

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 **Action17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		345
	MessageToPresent <MsgToPres>	[0..1]	±		346
	RemoteAccess <RmotAccs>	[0..1]	±		347
	Retry <Rtry>	[0..1]	±		348
	TimeCondition <TmCond>	[0..1]	±		348

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: "ActionType15Code" on page 2315

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

CodeName	Name	Definition
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

7.4.2.3.2.2 MessageToPresent <MsgToPres>

Presence: [0..1]

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

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

7.4.2.3.2.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2216 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

7.4.2.3.2.4 Retry <Rtry>

Presence: [0..1]

Definition: Definition of retry process if activation of an action fails.

Retry <Rtry> contains the following elements (see "[ProcessRetry3](#)" on page 2305 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2305
	MaximumNumber <MaxNb>	[0..1]	Quantity		2305
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2305

7.4.2.3.2.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2306 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2306
	EndTime <EndTm>	[0..1]	DateTime		2306
	Period <Prd>	[0..1]	Text		2306
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2306

7.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

8 caaa.007.001.14 AcceptorCancellationAdviceV14

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 AcceptorCancellationAdviceV14 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]			354
	MessageFunction <MsgFctn>	[1..1]	CodeSet		354
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		356
	ExchangeIdentification <XchgId>	[1..1]	Quantity		356
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		356
	CreationDateTime <CreDtTm>	[1..1]	DateTime		356
	InitiatingParty <InitgPty>	[1..1]	±		356
	RecipientParty <RcptPty>	[0..1]	±		357
	Traceability <Tracblt>	[0..*]	±		357
	CancellationAdvice <CxlAdv>	[1..1]			358
	Environment <Envt>	[1..1]	±	C8	362
	Context <Cntxt>	[0..1]		C9	368
	PaymentContext <PmtCntxt>	[0..1]			371
	CardPresent <CardPres>	[0..1]	Indicator		371
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		371
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		372
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		372
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		372
	TransactionChannel <TxChanl>	[0..1]	CodeSet		372
	BusinessArea <BizArea>	[0..1]	CodeSet		373
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		373
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		374
	FallbackIndicator <FlbkInd>	[0..1]	CodeSet		374
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		375
	SaleContext <SaleCntxt>	[0..1]			375
	SaleIdentification <SaleId>	[0..1]	Text		376
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		376
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		377

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		377
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	377
	ShiftNumber <ShftNb>	[0..1]	Text		377
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		377
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		377
	InvoiceNumber <InvcNb>	[0..1]	Text		377
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		378
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			378
	CommonName <CmonNm>	[1..1]	Text		378
	Address <Adr>	[0..1]	Text		378
	CountryCode <CtryCd>	[1..1]	CodeSet		378
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		378
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		378
	SplitPayment <SplitPmt>	[0..1]	Indicator		379
	RemainingAmount <RmngAmt>	[0..1]	Amount		379
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		379
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		379
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		379
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		380
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		380
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	380
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		381
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		381
	SystemToNotify <SysToNtfy>	[0..1]	Text		381
	Debtor <Dbtr>	[0..1]	±		382
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	383
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		383
	Creditor <Cdtr>	[0..1]	±		383
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	384
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		385
	DirectDebitContext <DrctDbtCntxt>	[0..1]			385

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		386
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	387
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		388
	Creditor <Cdtr>	[0..1]	±		388
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	389
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		390
	MandateRelatedInformation <MndtRltdInf>	[1..1]			390
	MandateIdentification <MndtId>	[1..1]	Text		391
	DateOfSignature <DtOfSgntr>	[0..1]	Date		391
	MandateImage <MndtImg>	[0..1]	Binary		391
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		391
	Transaction <Tx>	[1..1]			391
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		393
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		393
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		393
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		393
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		393
	TransactionIdentification <TxId>	[1..1]	±		393
	OriginalTransaction <OrgnlTx>	[0..1]	±		394
	TransactionSuccess <TxSucss>	[1..1]	Indicator		394
	Reversal <Rvsl>	[0..1]	Indicator		395
	FailureReason <FailrRsn>	[0..*]	CodeSet		395
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		396
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		396
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		396
	InterchangeData <IntrchgData>	[0..1]	Text		396
	TransactionDetails <TxDtls>	[1..1]			396
	Currency <Ccy>	[0..1]	CodeSet	C1	396
	TotalAmount <TtlAmt>	[1..1]	Amount		397
	ValidityDate <VldtyDt>	[0..1]	Date		397
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		397

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		397
	AuthorisationResult <AuthstnRslt>	[0..1]			397
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		398
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			398
	Response <Rspn>	[1..1]	CodeSet		399
	ResponseReason <RspnRsn>	[0..1]	Text		399
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		399
	AuthorisationCode <AuthstnCd>	[0..1]	Text		399
	TMSTrigger <TMSTrggr>	[0..1]			399
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		399
	TMSIdentification <TMSId>	[0..1]	Text		400
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		400
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		400
	SecurityTrailer <SctyTrlr>	[0..1]	±		400

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 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

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

C5 IBAN

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

C6 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C7 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C8 OneElementPresenceRule

At least one of these subelements must be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 ValidationByTable

Must be a valid terrestrial language.

8.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

8.4.1 Header <Hdr>

Presence: [1..1]

Definition: Cancellation advice message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		354
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		356
	ExchangeIdentification <XchgId>	[1..1]	Quantity		356
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		356
	CreationDateTime <CreDtTm>	[1..1]	DateTime		356
	InitiatingParty <InitgPty>	[1..1]	±		356
	RecipientParty <RcptPty>	[0..1]	±		357
	Traceability <Tracblt>	[0..*]	±		357

8.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

8.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

8.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

8.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

8.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

8.4.2 CancellationAdvice <CxlAdvc>

Presence: [1..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxIAdv> contains the following **AcceptorCancellationAdvice14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	362
	Context <Cntxt>	[0..1]		C9	368
	PaymentContext <PmtCntxt>	[0..1]			371
	CardPresent <CardPres>	[0..1]	Indicator		371
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		371
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		372
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		372
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		372
	TransactionChannel <TxChanl>	[0..1]	CodeSet		372
	BusinessArea <BizArea>	[0..1]	CodeSet		373
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		373
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		374
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		374
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		375
	SaleContext <SaleCntxt>	[0..1]			375
	SaleIdentification <SaleId>	[0..1]	Text		376
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		376
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		377
	CashierIdentification <CshrlId>	[0..1]	Text		377
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	377
	ShiftNumber <ShftNb>	[0..1]	Text		377
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		377
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		377
	InvoiceNumber <InvNb>	[0..1]	Text		377
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		378
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			378
	CommonName <CmonNm>	[1..1]	Text		378
	Address <Adr>	[0..1]	Text		378
	CountryCode <CtryCd>	[1..1]	CodeSet		378
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		378

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		378
	SplitPayment <SpltPmt>	[0..1]	Indicator		379
	RemainingAmount <RmngAmt>	[0..1]	Amount		379
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		379
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		379
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		379
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		380
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		380
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	380
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		381
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		381
	SystemToNotify <SysToNtfy>	[0..1]	Text		381
	Debtor <Dbtr>	[0..1]	±		382
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	383
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		383
	Creditor <Cdtr>	[0..1]	±		383
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	384
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		385
	DirectDebitContext <DrctDbtCntxt>	[0..1]			385
	Debtor <Dbtr>	[0..1]	±		386
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	387
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		388
	Creditor <Cdtr>	[0..1]	±		388
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	389
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		390
	MandateRelatedInformation <MndtRltdInf>	[1..1]			390
	MandateIdentification <MndtId>	[1..1]	Text		391
	DateOfSignature <DtOfSgntr>	[0..1]	Date		391
	MandateImage <MndtImg>	[0..1]	Binary		391
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		391
	Transaction <Tx>	[1..1]			391

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		393
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		393
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		393
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		393
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		393
	TransactionIdentification <TxId>	[1..1]	±		393
	OriginalTransaction <OrgnlTx>	[0..1]	±		394
	TransactionSuccess <TxSucss>	[1..1]	Indicator		394
	Reversal <Rvsl>	[0..1]	Indicator		395
	FailureReason <FailrRsn>	[0..*]	CodeSet		395
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		396
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		396
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		396
	InterchangeData <IntrchnngData>	[0..1]	Text		396
	TransactionDetails <TxDtls>	[1..1]			396
	Currency <Ccy>	[0..1]	CodeSet	C1	396
	TotalAmount <TtlAmt>	[1..1]	Amount		397
	ValidityDate <VldtyDt>	[0..1]	Date		397
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		397
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		397
	AuthorisationResult <AuthstnRslt>	[0..1]			397
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		398
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			398
	Response <Rspn>	[1..1]	CodeSet		399
	ResponseReason <RspnRsn>	[0..1]	Text		399
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		399
	AuthorisationCode <AuthstnCd>	[0..1]	Text		399
	TMSTrigger <TMSTrggr>	[0..1]			399
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		399
	TMSIdentification <TMSId>	[0..1]	Text		400
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		400

8.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

8.4.2.2 Context <Cntxt>

Presence: [0..1]

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

Impacted by: C9 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			371
	CardPresent <CardPres>	[0..1]	Indicator		371
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		371
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		372
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		372
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		372
	TransactionChannel <TxChanl>	[0..1]	CodeSet		372
	BusinessArea <BizArea>	[0..1]	CodeSet		373
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		373
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C11	373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		374
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		374
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		375
	SaleContext <SaleCntxt>	[0..1]			375
	SaleIdentification <SaleId>	[0..1]	Text		376
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		376
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		377
	CashierIdentification <CshrId>	[0..1]	Text		377
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	377
	ShiftNumber <ShftNb>	[0..1]	Text		377
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		377
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		377
	InvoiceNumber <InvcNb>	[0..1]	Text		377
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		378
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			378
	CommonName <CmonNm>	[1..1]	Text		378
	Address <Adr>	[0..1]	Text		378
	CountryCode <CtryCd>	[1..1]	CodeSet		378
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		378
	RegisteredIdentifier <Regldr>	[1..1]	Text		378
	SplitPayment <SpltPmt>	[0..1]	Indicator		379

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		379
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		379
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		379
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		379
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		380
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		380
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	380
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		381
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		381
	SystemToNotify <SysToNtfy>	[0..1]	Text		381
	Debtor <Dbtr>	[0..1]	±		382
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	383
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		383
	Creditor <Cdtr>	[0..1]	±		383
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	384
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		385
	DirectDebitContext <DrctDbtCntxt>	[0..1]			385
	Debtor <Dbtr>	[0..1]	±		386
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	387
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		388
	Creditor <Cdtr>	[0..1]	±		388
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	389
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		390
	MandateRelatedInformation <MndtRltdInf>	[1..1]			390
	MandateIdentification <Mndtld>	[1..1]	Text		391
	DateOfSignature <DtOfSgntr>	[0..1]	Date		391
	MandateImage <Mndtlmg>	[0..1]	Binary		391
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		391

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

8.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		371
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		371
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		372
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		372
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		372
	TransactionChannel <TxChanl>	[0..1]	CodeSet		372
	BusinessArea <BizArea>	[0..1]	CodeSet		373
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		373
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C11	373
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		374
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		374
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		375

8.4.2.2.1.1 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 2376](#)):

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

8.4.2.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

8.4.2.2.1.3 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 2376):

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

8.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

8.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

8.4.2.2.1.6 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 2370

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.

8.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

8.4.2.2.1.8 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 2376):

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

8.4.2.2.1.9 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: C11 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

8.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

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.)

8.4.2.2.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

8.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

8.4.2.2.2 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		376
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		376
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		377
	CashierIdentification <CshrId>	[0..1]	Text		377
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C11	377
	ShiftNumber <ShftNb>	[0..1]	Text		377
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		377
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		377
	InvoiceNumber <InvcNb>	[0..1]	Text		377
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		378
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			378
	CommonName <CmonNm>	[1..1]	Text		378
	Address <Adr>	[0..1]	Text		378
	CountryCode <CtryCd>	[1..1]	CodeSet		378
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		378
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		378
	SplitPayment <Spltpmt>	[0..1]	Indicator		379
	RemainingAmount <RmngAmt>	[0..1]	Amount		379
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		379
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		379
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		379
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		380
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		380

8.4.2.2.2.1 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 2382

8.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

8.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

8.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

8.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C11 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

8.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

8.4.2.2.2.7 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 2376):

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

8.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

8.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

8.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

8.4.2.2.2.11 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		378
	Address <Adr>	[0..1]	Text		378
	CountryCode <CtryCd>	[1..1]	CodeSet		378
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		378
	RegisteredIdentifier <Regldr>	[1..1]	Text		378

8.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

8.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

8.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

8.4.2.2.2.11.4 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 2385

8.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

8.4.2.2.2.12 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 2376):

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

8.4.2.2.2.13 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 2313

8.4.2.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

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

8.4.2.2.2.15 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 2376):

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

8.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

8.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

8.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

8.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C10 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		381
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		381
	SystemToNotify <SysToNtfy>	[0..1]	Text		381
	Debtor <Dbtr>	[0..1]	±		382
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	383
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		383
	Creditor <Cdtr>	[0..1]	±		383
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	384
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		385

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

8.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

8.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

8.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

8.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

8.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

8.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

8.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

8.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

8.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

8.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		386
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	387
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		388
	Creditor <Cdtr>	[0..1]	±		388
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	389
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		390
	MandateRelatedInformation <MndtRltdInf>	[1..1]			390
	MandateIdentification <MndtId>	[1..1]	Text		391
	DateOfSignature <DtOfSgntr>	[0..1]	Date		391
	MandateImage <MndtImg>	[0..1]	Binary		391
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		391

8.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

8.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

8.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

8.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

8.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

8.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

8.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		391
	DateOfSignature <DtOfSgntr>	[0..1]	Date		391
	MandateImage <MndtImg>	[0..1]	Binary		391
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		391

8.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

8.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

8.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

8.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

8.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction143** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		393
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		393
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		393
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		393
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		393
	TransactionIdentification <TxId>	[1..1]	±		393
	OriginalTransaction <OrgnlTx>	[0..1]	±		394
	TransactionSuccess <TxSucss>	[1..1]	Indicator		394
	Reversal <Rvs/ >	[0..1]	Indicator		395
	FailureReason <FailrRsn>	[0..*]	CodeSet		395
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		396
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		396
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		396
	InterchangeData <IntrchnngData>	[0..1]	Text		396
	TransactionDetails <TxDtls>	[1..1]			396
	Currency <Ccy>	[0..1]	CodeSet	C1	396
	TotalAmount <TtlAmt>	[1..1]	Amount		397
	ValidityDate <VldtyDt>	[0..1]	Date		397
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		397
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		397
	AuthorisationResult <AuthstnRslt>	[0..1]			397
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		398
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			398
	Response <Rspn>	[1..1]	CodeSet		399
	ResponseReason <RspnRsn>	[0..1]	Text		399
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		399
	AuthorisationCode <AuthstnCd>	[0..1]	Text		399
	TMSTrigger <TMSTrggr>	[0..1]			399
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		399
	TMSIdentification <TMSId>	[0..1]	Text		400
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		400

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 2385

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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *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 2382

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 2382

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

8.4.2.3.7 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

8.4.2.3.8 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

8.4.2.3.10 FailureReason <FailRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 2344

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 2382

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 2380

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 2382

8.4.2.3.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

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	396
	TotalAmount <TtlAmt>	[1..1]	Amount		397
	ValidityDate <VldtyDt>	[0..1]	Date		397
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		397
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		397

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2313

8.4.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

8.4.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2313

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 2376):

- *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]	±		398
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			398
	Response <Rspn>	[1..1]	CodeSet		399
	ResponseReason <RspnRsn>	[0..1]	Text		399
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		399
	AuthorisationCode <AuthstnCd>	[0..1]	Text		399
	TMSTrigger <TMSTrggr>	[0..1]			399
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		399
	TMSIdentification <TMSId>	[0..1]	Text		400
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		400

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 2012](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

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		399
	ResponseReason <RspnRsn>	[0..1]	Text		399
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		399

8.4.2.3.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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 2382

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 2380

8.4.2.3.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

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		399
	TMSIdentification <TMSId>	[0..1]	Text		400
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		400

8.4.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

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 2382

8.4.2.3.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

8.4.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

8.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

9 **caaa.008.001.13** **AcceptorCancellationAdviceResponseV13**

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 AcceptorCancellationAdviceResponseV13 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]			403
	MessageFunction <MsgFctn>	[1..1]	CodeSet		403
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		405
	ExchangeIdentification <XchgId>	[1..1]	Quantity		405
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		405
	CreationDateTime <CreDtTm>	[1..1]	DateTime		405
	InitiatingParty <InitgPty>	[1..1]	±		405
	RecipientParty <RcptPty>	[0..1]	±		406
	Traceability <Tracblt>	[0..*]	±		406
	CancellationAdviceResponse <CxlAdvcrspn>	[1..1]			407
	Environment <Envt>	[1..1]	±	C3	407
	Transaction <Tx>	[1..1]			413
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		414
	TransactionIdentification <TxId>	[1..1]	±		414
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		414
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		414
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		414
	Response <Rspn>	[1..1]	CodeSet		415
	TMSTrigger <TMSTrggr>	[0..1]			415
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		415
	TMSIdentification <TMSId>	[0..1]	Text		415
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		416
	SecurityTrailer <SctyTrlr>	[0..1]	±		416

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

OneElementPresenceRule

At least one of these subelements must be present.
- C4

ValidationByTable

Must be a valid terrestrial language.

9.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

9.4.1 Header <Hdr>

Presence: [1..1]
Definition: Cancellation advice response message management information.
Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		403
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		405
	ExchangeIdentification <XchgId>	[1..1]	Quantity		405
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		405
	CreationDateTime <CreDtTm>	[1..1]	DateTime		405
	InitiatingParty <InitgPty>	[1..1]	±		405
	RecipientParty <RcptPty>	[0..1]	±		406
	Traceability <Tracblt>	[0..*]	±		406

9.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]
Definition: Identifies the type of process related to the message.
Datatype: "MessageFunction46Code" on page 2350

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.

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

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

9.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

9.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

9.4.1.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

9.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

9.4.2 CancellationAdviceResponse <CxlAdvcRspn>

Presence: [1..1]

Definition: Information related to the cancellation advice response.

CancellationAdviceResponse <CxlAdvcRspn> contains the following
AcceptorCancellationAdviceResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	407
	Transaction <Tx>	[1..1]			413
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		414
	TransactionIdentification <TxId>	[1..1]	±		414
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		414
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		414
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		414
	Response <Rspn>	[1..1]	CodeSet		415
	TMSTrigger <TMSTrggr>	[0..1]			415
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		415
	TMSIdentification <TMSId>	[0..1]	Text		415
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		416

9.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "CardPaymentEnvironment81" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		414
	TransactionIdentification <TxId>	[1..1]	±		414
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		414
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		414
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		414
	Response <Rspn>	[1..1]	CodeSet		415

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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 2380

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 2382

9.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2363

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 <TMSTrgr>

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		415
	TMSIdentification <TMSId>	[0..1]	Text		415
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		416

9.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

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 2382

9.4.2.3.3 TMSContactDateTime <TMSctctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

9.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

10 caaa.009.001.13 AcceptorReconciliationRequestV13

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 AcceptorReconciliationRequestV13 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]			419
	MessageFunction <MsgFctn>	[1..1]	CodeSet		419
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		421
	ExchangeIdentification <XchgId>	[1..1]	Quantity		421
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		421
	CreationDateTime <CreDtTm>	[1..1]	DateTime		421
	InitiatingParty <InitgPty>	[1..1]	±		421
	RecipientParty <RcptPty>	[0..1]	±		422
	Traceability <Tracblt>	[0..*]	±		422
	ReconciliationRequest <RcncltnReq>	[1..1]			423
	Environment <Envt>	[1..1]	±	C3	423
	Transaction <Tx>	[1..1]			429
	ClosePeriod <ClsPrd>	[0..1]	Indicator		430
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		430
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		430
	TransactionTotals <TxTtls>	[0..*]			431
	POIGroupIdentification <POIGrpId>	[0..1]	Text		431
	CardBrand <CardBrnd>	[0..1]	Text		431
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		431
	Currency <Ccy>	[0..1]	CodeSet	C1	431
	Type <Tp>	[1..1]	CodeSet		432
	TotalNumber <TtlNb>	[1..1]	Quantity		432
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		432
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		432
	SecurityTrailer <SctyTrlr>	[0..1]	±		432

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 OneElementPresenceRule

At least one of these subelements must be present.

C4 ValidationByTable

Must be a valid terrestrial language.

10.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

10.4.1 Header <Hdr>

Presence: [1..1]

Definition: Reconciliation request message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		419
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		421
	ExchangeIdentification <XchgId>	[1..1]	Quantity		421
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		421
	CreationDateTime <CreDtTm>	[1..1]	DateTime		421
	InitiatingParty <InitgPty>	[1..1]	±		421
	RecipientParty <RcptPty>	[0..1]	±		422
	Traceability <Tracblt>	[0..*]	±		422

10.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

10.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

10.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

10.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

10.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

10.4.2 ReconciliationRequest <RcncltnReq>

Presence: [1..1]

Definition: Information related to the reconciliation request.

ReconciliationRequest <RcncltnReq> contains the following **AcceptorReconciliationRequest13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	423
	Transaction <Tx>	[1..1]			429
	ClosePeriod <ClsPrd>	[0..1]	Indicator		430
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		430
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		430
	TransactionTotals <TxTtls>	[0..*]			431
	POIGroupIdentification <POIGrpld>	[0..1]	Text		431
	CardBrand <CardBrnd>	[0..1]	Text		431
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		431
	Currency <Ccy>	[0..1]	CodeSet	C1	431
	Type <Tp>	[1..1]	CodeSet		432
	TotalNumber <TtlNb>	[1..1]	Quantity		432
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		432
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		432

10.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <CrdhldrId>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <DrvrId>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

10.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Reconciliation transaction between an acceptor and an acquirer.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClosePeriod <ClsPrd>	[0..1]	Indicator		430
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		430
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		430
	TransactionTotals <TxTtls>	[0..*]			431
	POIGroupIdentification <POIGrpld>	[0..1]	Text		431
	CardBrand <CardBrnd>	[0..1]	Text		431
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		431
	Currency <Ccy>	[0..1]	CodeSet	C1	431
	Type <Tp>	[1..1]	CodeSet		432
	TotalNumber <TtlNb>	[1..1]	Quantity		432
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		432
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		432

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 2376):

- *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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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		431
	CardBrand <CardBrnd>	[0..1]	Text		431
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		431
	Currency <Ccy>	[0..1]	CodeSet	C1	431
	Type <Tp>	[1..1]	CodeSet		432
	TotalNumber <TtlNb>	[1..1]	Quantity		432
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		432

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 2382

10.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

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 2382

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2371

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 2377

10.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

10.4.2.2.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 2384

10.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

11 caaa.010.001.12 AcceptorReconciliationResponseV12

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 AcceptorReconciliationResponseV12 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]			436
	MessageFunction <MsgFctn>	[1..1]	CodeSet		436
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		438
	ExchangeIdentification <XchgId>	[1..1]	Quantity		438
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		438
	CreationDateTime <CreDtTm>	[1..1]	DateTime		438
	InitiatingParty <InitgPty>	[1..1]	±		438
	RecipientParty <RcptPty>	[0..1]	±		439
	Traceability <Tracblt>	[0..*]	±		439
	ReconciliationResponse <RcncltnRspn>	[1..1]			440
	Environment <Envt>	[1..1]	±	C3	441
	TransactionResponse <TxRspn>	[1..1]			447
	Response <Rspn>	[1..1]	CodeSet		448
	ResponseReason <RspnRsn>	[0..1]	Text		448
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		448
	Transaction <Tx>	[1..1]			448
	ClosePeriod <ClsPrd>	[0..1]	Indicator		449
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		449
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		449
	TransactionTotals <TxTtls>	[0..*]			450
	POIGroupIdentification <POIGrpld>	[0..1]	Text		450
	CardBrand <CardBrnd>	[0..1]	Text		450
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		450
	Currency <Ccy>	[0..1]	CodeSet	C1	450
	Type <Tp>	[1..1]	CodeSet		451
	TotalNumber <TtlNb>	[1..1]	Quantity		451
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		451
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		451
	SecurityTrailer <SctyTrlr>	[0..1]	±		451

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 OneElementPresenceRule

At least one of these subelements must be present.

C4 ValidationByTable

Must be a valid terrestrial language.

11.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

11.4.1 Header <Hdr>

Presence: [1..1]

Definition: Reconciliation response message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		436
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		438
	ExchangeIdentification <XchgId>	[1..1]	Quantity		438
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		438
	CreationDateTime <CreDtTm>	[1..1]	DateTime		438
	InitiatingParty <InitgPty>	[1..1]	±		438
	RecipientParty <RcptPty>	[0..1]	±		439
	Traceability <Tracblt>	[0..*]	±		439

11.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

11.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

11.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

11.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

11.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

11.4.2 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Information related to the reconciliation response.

ReconciliationResponse <RcncltnRspn> contains the following
AcceptorReconciliationResponse11 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	441
	TransactionResponse <TxRspn>	[1..1]			447
	Response <Rspn>	[1..1]	CodeSet		448
	ResponseReason <RspnRsn>	[0..1]	Text		448
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		448
	Transaction <Tx>	[1..1]			448
	ClosePeriod <ClsPrd>	[0..1]	Indicator		449
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		449
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		449
	TransactionTotals <TxTtls>	[0..*]			450
	POIGroupIdentification <POIGrpld>	[0..1]	Text		450
	CardBrand <CardBrnd>	[0..1]	Text		450
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		450
	Currency <Ccy>	[0..1]	CodeSet	C1	450
	Type <Tp>	[1..1]	CodeSet		451
	TotalNumber <TtlNb>	[1..1]	Quantity		451
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		451
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		451

11.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		448
	ResponseReason <RspnRsn>	[0..1]	Text		448
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		448

11.4.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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 2382

11.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

11.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Reconciliation transaction between an acceptor and an acquirer.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClosePeriod <ClsPrd>	[0..1]	Indicator		449
	ReconciliationTransactionIdentification <RcncltnTxId>	[1..1]	±		449
	ReconciliationIdentification <RcncltnId>	[1..1]	Text		449
	TransactionTotals <TxTtls>	[0..*]			450
	POIGroupIdentification <POIGrpld>	[0..1]	Text		450
	CardBrand <CardBrnd>	[0..1]	Text		450
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		450
	Currency <Ccy>	[0..1]	CodeSet	C1	450
	Type <Tp>	[1..1]	CodeSet		451
	TotalNumber <TtlNb>	[1..1]	Quantity		451
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		451
	AdditionalTransactionData <AddtlTxData>	[0..1]	Text		451

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 2376):

- *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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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		450
	CardBrand <CardBrnd>	[0..1]	Text		450
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		450
	Currency <Ccy>	[0..1]	CodeSet	C1	450
	Type <Tp>	[1..1]	CodeSet		451
	TotalNumber <TtlNb>	[1..1]	Quantity		451
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		451

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 2382

11.4.2.3.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

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 2382

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2371

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 2377

11.4.2.3.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

11.4.2.3.5 AdditionalTransactionData <AddtlTxData>

Presence: [0..1]

Definition: Additional information related to the reconciliation transaction.

Datatype: "Max70Text" on page 2384

11.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

12 caaa.011.001.14 AcceptorBatchTransferV14

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 AcceptorBatchTransferV14 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]			458
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		459
	FormatVersion <FrmtVrsn>	[1..1]	Text		459
	ExchangeIdentification <XchgId>	[1..1]	Quantity		459
	CreationDateTime <CreDtTm>	[1..1]	DateTime		459
	InitiatingParty <InitgPty>	[1..1]	±		459
	RecipientParty <RcptPty>	[0..1]	±		460
	BatchTransfer <BtchTrf>	[1..1]			460
	TransactionTotals <TxTtls>	[0..*]			464
	POIGroupIdentification <POIGrpId>	[0..1]	Text		464
	CardBrand <CardBrnd>	[0..1]	Text		464
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		465
	Currency <Ccy>	[0..1]	CodeSet	C1	465
	Type <Tp>	[1..1]	CodeSet		465
	TotalNumber <TtlNb>	[1..1]	Quantity		465
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		465
	DataSet <DataSet>	[0..*]			466
	DataSetIdentification <DataSetId>	[1..1]			470
	Name <Nm>	[1..1]	Text		470
	Type <Tp>	[1..1]	CodeSet		470
	Version <Vrsn>	[0..1]	Text		471
	CreationDateTime <CreDtTm>	[1..1]	DateTime		471
	Traceability <Tracblt>	[0..*]	±		471
	DataSetInitiator <DataSetInitr>	[0..1]	±		471
	TransactionTotals <TxTtls>	[1..*]			472
	POIGroupIdentification <POIGrpId>	[0..1]	Text		472
	CardBrand <CardBrnd>	[0..1]	Text		472
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		472
	Currency <Ccy>	[0..1]	CodeSet	C1	473

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		473
	TotalNumber <TtlNb>	[1..1]	Quantity		473
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		473
	CommonData <CmonData>	[0..1]			473
	Environment <Envt>	[0..1]	±	C9	476
	Context <Cntxt>	[0..1]		C10	482
	PaymentContext <PmtCntxt>	[0..1]			485
	CardPresent <CardPres>	[0..1]	Indicator		485
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		485
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		486
	AttendanceContext <AttnDncCntxt>	[0..1]	CodeSet		486
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		486
	TransactionChannel <TxChanl>	[0..1]	CodeSet		486
	BusinessArea <BizArea>	[0..1]	CodeSet		487
	AttendantMessageCapable <AttnDntMsgCpbl>	[0..1]	Indicator		487
	AttendantLanguage <AttnDntLang>	[0..1]	CodeSet	C12	487
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		488
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		488
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		489
	SaleContext <SaleCntxt>	[0..1]			489
	SaleIdentification <SaleId>	[0..1]	Text		490
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		490
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		491
	CashierIdentification <CshrlId>	[0..1]	Text		491
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	491
	ShiftNumber <ShftNb>	[0..1]	Text		491
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		491
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		491
	InvoiceNumber <InvNb>	[0..1]	Text		491
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		492
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			492

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CommonName <CmonNm>	[1..1]	Text		492
	Address <Adr>	[0..1]	Text		492
	CountryCode <CtryCd>	[1..1]	CodeSet		492
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		492
	RegisteredIdentifier <RegldId>	[1..1]	Text		492
	SplitPayment <SplitPmt>	[0..1]	Indicator		493
	RemainingAmount <RmngAmt>	[0..1]	Amount		493
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		493
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		493
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		493
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		494
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		494
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	494
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		495
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		495
	SystemToNotify <SysToNtfy>	[0..1]	Text		495
	Debtor <Dbtr>	[0..1]	±		496
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	497
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		497
	Creditor <Cdtr>	[0..1]	±		497
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	498
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		499
	DirectDebitContext <DrctDbtCntxt>	[0..1]			499
	Debtor <Dbtr>	[0..1]	±		500
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	501
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		502
	Creditor <Cdtr>	[0..1]	±		502
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	503
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		504
	MandateRelatedInformation <MndtRltdInf>	[1..1]			504
	MandateIdentification <MndtId>	[1..1]	Text		505

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfSignature <DtOfSgntr>	[0..1]	Date		505
	Mandatelmage <Mndtlmg>	[0..1]	Binary		505
	ProtectedMandatelmage <PrctcdMndtlmg>	[0..1]	±		505
	TransactionType <TxTp>	[0..1]	CodeSet		505
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		506
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		507
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		507
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		507
	Currency <Ccy>	[0..1]	CodeSet	C1	508
	Transaction <Tx>	[1..*]			508
{Or	Completion <Cmpltn>	[1..1]	±		508
Or	Cancellation <Cxl>	[1..1]	±		515
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		519
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		526
Or	TokenRequest <TknReq>	[1..1]			531
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		531
	Environment <Envnt>	[1..1]	±	C9	531
Or}	TokenResponse <TknRspn>	[1..1]			537
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		537
	Environment <Envnt>	[1..1]	±	C9	538
	SecurityTrailer <SctyTrlr>	[0..1]	±		544

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 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

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

C5 CurrencyAmount

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

Note: The decimal separator is a dot.

C6 IBAN

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

C7 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C8 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 OneElementPresenceRule

At least one of these subelements must be present.

C12 ValidationByTable

Must be a valid terrestrial language.

12.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

12.4.1 Header <Hdr>

Presence: [1..1]

Definition: Batch capture message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		459
	FormatVersion <FrmtVrsn>	[1..1]	Text		459
	Exchangeldentification <Xchgld>	[1..1]	Quantity		459
	CreationDateTime <CreDtTm>	[1..1]	DateTime		459
	InitiatingParty <InitgPty>	[1..1]	±		459
	RecipientParty <RcptPty>	[0..1]	±		460

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 2376):

- *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 2383

12.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number"](#) on page 2377

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 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 **CardPaymentBatchTransfer13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			464
	POIGroupIdentification <POIGrpId>	[0..1]	Text		464
	CardBrand <CardBrnd>	[0..1]	Text		464
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		465
	Currency <Ccy>	[0..1]	CodeSet	C1	465
	Type <Tp>	[1..1]	CodeSet		465
	TotalNumber <TtlNb>	[1..1]	Quantity		465
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		465
	DataSet <DataSet>	[0..*]			466
	DataSetIdentification <DataSetId>	[1..1]			470
	Name <Nm>	[1..1]	Text		470
	Type <Tp>	[1..1]	CodeSet		470
	Version <Vrsn>	[0..1]	Text		471
	CreationDateTime <CreDtTm>	[1..1]	DateTime		471
	Traceability <Tracblt>	[0..*]	±		471
	DataSetInitiator <DataSetInitr>	[0..1]	±		471
	TransactionTotals <TxTtls>	[1..*]			472
	POIGroupIdentification <POIGrpId>	[0..1]	Text		472
	CardBrand <CardBrnd>	[0..1]	Text		472
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		472
	Currency <Ccy>	[0..1]	CodeSet	C1	473
	Type <Tp>	[1..1]	CodeSet		473
	TotalNumber <TtlNb>	[1..1]	Quantity		473
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		473
	CommonData <CmonData>	[0..1]			473
	Environment <Envt>	[0..1]	±	C9	476
	Context <Cntxt>	[0..1]		C10	482
	PaymentContext <PmtCntxt>	[0..1]			485
	CardPresent <CardPres>	[0..1]	Indicator		485
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		485
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		486

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		486
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		486
	TransactionChannel <TxChanl>	[0..1]	CodeSet		486
	BusinessArea <BizArea>	[0..1]	CodeSet		487
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		487
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	487
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		488
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		488
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		489
	SaleContext <SaleCntxt>	[0..1]			489
	SaleIdentification <SaleId>	[0..1]	Text		490
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		490
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		491
	CashierIdentification <CshrId>	[0..1]	Text		491
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	491
	ShiftNumber <ShftNb>	[0..1]	Text		491
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		491
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		491
	InvoiceNumber <InvNb>	[0..1]	Text		491
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		492
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			492
	CommonName <CmonNm>	[1..1]	Text		492
	Address <Adr>	[0..1]	Text		492
	CountryCode <CtryCd>	[1..1]	CodeSet		492
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		492
	RegisteredIdentifier <RegIdr>	[1..1]	Text		492
	SplitPayment <Spltpmt>	[0..1]	Indicator		493
	RemainingAmount <RmngAmt>	[0..1]	Amount		493
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		493
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		493
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		493

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		494
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		494
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	494
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		495
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		495
	SystemToNotify <SysToNtfy>	[0..1]	Text		495
	Debtor <Dbtr>	[0..1]	±		496
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	497
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		497
	Creditor <Cdtr>	[0..1]	±		497
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	498
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		499
	DirectDebitContext <DrctDbtCntxt>	[0..1]			499
	Debtor <Dbtr>	[0..1]	±		500
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	501
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		502
	Creditor <Cdtr>	[0..1]	±		502
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	503
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		504
	MandateRelatedInformation <MndtRltdInf>	[1..1]			504
	MandateIdentification <MndtId>	[1..1]	Text		505
	DateOfSignature <DtOfSgntr>	[0..1]	Date		505
	MandateImage <MndtImg>	[0..1]	Binary		505
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		505
	TransactionType <TxTp>	[0..1]	CodeSet		505
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		506
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		507
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		507
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		507
	Currency <Ccy>	[0..1]	CodeSet	C1	508
	Transaction <Tx>	[1..*]			508

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		508
Or	Cancellation <Cxl>	[1..1]	±		515
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		519
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		526
Or	TokenRequest <TknReq>	[1..1]			531
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		531
	Environment <Env<	[1..1]	±	C9	531
Or}	TokenResponse <TknRspn>	[1..1]			537
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		537
	Environment <Env<	[1..1]	±	C9	538

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		464
	CardBrand <CardBrnd>	[0..1]	Text		464
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		465
	Currency <Ccy>	[0..1]	CodeSet	C1	465
	Type <Tp>	[1..1]	CodeSet		465
	TotalNumber <TtlNb>	[1..1]	Quantity		465
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		465

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 2382

12.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

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 2382

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2371

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 2377

12.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

12.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet40** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			470
	Name <Nm>	[1..1]	Text		470
	Type <Tp>	[1..1]	CodeSet		470
	Version <Vrsn>	[0..1]	Text		471
	CreationDateTime <CreDtTm>	[1..1]	DateTime		471
	Traceability <Tracblt>	[0..*]	±		471
	DataSetInitiator <DataSetInitr>	[0..1]	±		471
	TransactionTotals <TxTtls>	[1..*]			472
	POIGroupIdentification <POIGrpld>	[0..1]	Text		472
	CardBrand <CardBrnd>	[0..1]	Text		472
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		472
	Currency <Ccy>	[0..1]	CodeSet	C1	473
	Type <Tp>	[1..1]	CodeSet		473
	TotalNumber <TtlNb>	[1..1]	Quantity		473
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		473
	CommonData <CmonData>	[0..1]			473
	Environment <Envvt>	[0..1]	±	C9	476
	Context <Cntxt>	[0..1]		C10	482
	PaymentContext <PmtCntxt>	[0..1]			485
	CardPresent <CardPres>	[0..1]	Indicator		485
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		485
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		486
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		486
	TransactionEnvironment <TxEnvvt>	[0..1]	CodeSet		486
	TransactionChannel <TxChanl>	[0..1]	CodeSet		486
	BusinessArea <BizArea>	[0..1]	CodeSet		487
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		487
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	487
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		488
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		488
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		489

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleContext <SaleCntxt>	[0..1]			489
	SaleIdentification <SaleId>	[0..1]	Text		490
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		490
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		491
	CashierIdentification <CshrlId>	[0..1]	Text		491
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	491
	ShiftNumber <ShftNb>	[0..1]	Text		491
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		491
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		491
	InvoiceNumber <InvcNb>	[0..1]	Text		491
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		492
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			492
	CommonName <CmonNm>	[1..1]	Text		492
	Address <Adr>	[0..1]	Text		492
	CountryCode <CtryCd>	[1..1]	CodeSet		492
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		492
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		492
	SplitPayment <Spltpmt>	[0..1]	Indicator		493
	RemainingAmount <RmngAmt>	[0..1]	Amount		493
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		493
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		493
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		493
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		494
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		494
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	494
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		495
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		495
	SystemToNotify <SysToNtfy>	[0..1]	Text		495
	Debtor <Dbtr>	[0..1]	±		496
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	497
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		497

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[0..1]	±		497
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	498
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		499
	DirectDebitContext <DrctDbtCntxt>	[0..1]			499
	Debtor <Dbtr>	[0..1]	±		500
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	501
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		502
	Creditor <Cdtr>	[0..1]	±		502
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	503
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		504
	MandateRelatedInformation <MndtRltdInf>	[1..1]			504
	MandateIdentification <MndtId>	[1..1]	Text		505
	DateOfSignature <DtOfSgntr>	[0..1]	Date		505
	MandateImage <MndtImg>	[0..1]	Binary		505
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		505
	TransactionType <TxTp>	[0..1]	CodeSet		505
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		506
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		507
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		507
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		507
	Currency <Ccy>	[0..1]	CodeSet	C1	508
	Transaction <Tx>	[1..*]			508
{Or	Completion <Cmpltn>	[1..1]	±		508
Or	Cancellation <Cxl>	[1..1]	±		515
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		519
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		526
Or	TokenRequest <TknReq>	[1..1]			531
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		531
	Environment <Envt>	[1..1]	±	C9	531
Or}	TokenResponse <TknRspn>	[1..1]			537
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		537

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	538

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		470
	Type <Tp>	[1..1]	CodeSet		470
	Version <Vrsn>	[0..1]	Text		471
	CreationDateTime <CreDtTm>	[1..1]	DateTime		471

12.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2381

12.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2340

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.

12.4.2.2.1.3 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data set.

Datatype: "Max256Text" on page 2381

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 2374

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

12.4.2.2.3 DataSetInitiator <DataSetInitr>

Presence: [0..1]

Definition: Initiator of the data set.

DataSetInitiator <DataSetInitr> contains the following elements (see "[GenericIdentification176](#)" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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		472
	CardBrand <CardBrnd>	[0..1]	Text		472
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		472
	Currency <Ccy>	[0..1]	CodeSet	C1	473
	Type <Tp>	[1..1]	CodeSet		473
	TotalNumber <TtlNb>	[1..1]	Quantity		473
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		473

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 2382

12.4.2.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "[Max35Text](#)" on page 2382

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 2382

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2371

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 2377

12.4.2.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 **CommonData14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C9	476
	Context <Cntxt>	[0..1]		C10	482
	PaymentContext <PmtCntxt>	[0..1]			485
	CardPresent <CardPres>	[0..1]	Indicator		485
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		485
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		486
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		486
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		486
	TransactionChannel <TxChanl>	[0..1]	CodeSet		486
	BusinessArea <BizArea>	[0..1]	CodeSet		487
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		487
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	487
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		488
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		488
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		489
	SaleContext <SaleCntxt>	[0..1]			489
	SaleIdentification <SaleId>	[0..1]	Text		490
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		490
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		491
	CashierIdentification <CshrId>	[0..1]	Text		491
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	491
	ShiftNumber <ShftNb>	[0..1]	Text		491
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		491
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		491
	InvoiceNumber <InvNb>	[0..1]	Text		491
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		492
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			492
	CommonName <CmonNm>	[1..1]	Text		492
	Address <Adr>	[0..1]	Text		492
	CountryCode <CtryCd>	[1..1]	CodeSet		492
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		492

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		492
	SplitPayment <SplitPmt>	[0..1]	Indicator		493
	RemainingAmount <RmngAmt>	[0..1]	Amount		493
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		493
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		493
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		493
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		494
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		494
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	494
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		495
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		495
	SystemToNotify <SysToNtfy>	[0..1]	Text		495
	Debtor <Dbtr>	[0..1]	±		496
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	497
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		497
	Creditor <Cdtr>	[0..1]	±		497
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	498
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		499
	DirectDebitContext <DrctDbtCntxt>	[0..1]			499
	Debtor <Dbtr>	[0..1]	±		500
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	501
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		502
	Creditor <Cdtr>	[0..1]	±		502
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	503
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		504
	MandateRelatedInformation <MndtRltdInf>	[1..1]			504
	MandateIdentification <MndtId>	[1..1]	Text		505
	DateOfSignature <DtOfSgntr>	[0..1]	Date		505
	MandateImage <MndtImg>	[0..1]	Binary		505
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		505
	TransactionType <TxTp>	[0..1]	CodeSet		505

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		506
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		507
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		507
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		507
	Currency <Ccy>	[0..1]	CodeSet	C1	508

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.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrdrhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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.

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			485
	CardPresent <CardPres>	[0..1]	Indicator		485
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		485
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		486
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		486
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		486
	TransactionChannel <TxChanl>	[0..1]	CodeSet		486
	BusinessArea <BizArea>	[0..1]	CodeSet		487
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		487
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C12	487
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		488
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		488
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		489
	SaleContext <SaleCntxt>	[0..1]			489
	SaleIdentification <SaleId>	[0..1]	Text		490
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		490
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		491
	CashierIdentification <CshrId>	[0..1]	Text		491
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	491
	ShiftNumber <ShftNb>	[0..1]	Text		491
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		491
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		491
	InvoiceNumber <InvcNb>	[0..1]	Text		491
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		492
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			492
	CommonName <CmonNm>	[1..1]	Text		492
	Address <Adr>	[0..1]	Text		492
	CountryCode <CtryCd>	[1..1]	CodeSet		492
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		492
	RegisteredIdentifier <Regldr>	[1..1]	Text		492
	SplitPayment <Spltpmt>	[0..1]	Indicator		493

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		493
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		493
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		493
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		493
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		494
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		494
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	494
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		495
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		495
	SystemToNotify <SysToNtfy>	[0..1]	Text		495
	Debtor <Dbtr>	[0..1]	±		496
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	497
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		497
	Creditor <Cdtr>	[0..1]	±		497
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	498
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		499
	DirectDebitContext <DrctDbtCntxt>	[0..1]			499
	Debtor <Dbtr>	[0..1]	±		500
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	501
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		502
	Creditor <Cdtr>	[0..1]	±		502
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	503
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		504
	MandateRelatedInformation <MndtRltdInf>	[1..1]			504
	MandateIdentification <Mndtld>	[1..1]	Text		505
	DateOfSignature <DtOfSgntr>	[0..1]	Date		505
	MandateImage <Mndtlmg>	[0..1]	Binary		505
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		505

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

12.4.2.2.5.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		485
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		485
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		486
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		486
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		486
	TransactionChannel <TxChanl>	[0..1]	CodeSet		486
	BusinessArea <BizArea>	[0..1]	CodeSet		487
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		487
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	487
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		488
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		488
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		489

12.4.2.2.5.2.1.1 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 2376):

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

12.4.2.2.5.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

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

12.4.2.2.5.2.1.3 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 2376):

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

12.4.2.2.5.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

12.4.2.2.5.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

12.4.2.2.5.2.1.6 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 2370

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.

12.4.2.5.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

12.4.2.5.2.1.8 AttendantMessageCapable <AttdntMsgCpbl>

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 2376):

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

12.4.2.5.2.1.9 AttendantLanguage <AttdntLang>

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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

12.4.2.2.5.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

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.)

12.4.2.2.5.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

12.4.2.2.5.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

12.4.2.2.5.2.2 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		490
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		490
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		491
	CashierIdentification <CshrId>	[0..1]	Text		491
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	491
	ShiftNumber <ShftNb>	[0..1]	Text		491
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		491
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		491
	InvoiceNumber <InvcNb>	[0..1]	Text		491
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		492
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			492
	CommonName <CmonNm>	[1..1]	Text		492
	Address <Adr>	[0..1]	Text		492
	CountryCode <CtryCd>	[1..1]	CodeSet		492
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		492
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		492
	SplitPayment <Spltpmt>	[0..1]	Indicator		493
	RemainingAmount <RmngAmt>	[0..1]	Amount		493
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		493
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		493
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		493
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		494
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		494

12.4.2.2.5.2.2.1 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 2382

12.4.2.2.5.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

12.4.2.2.5.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

12.4.2.2.5.2.2.7 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 2376):

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

12.4.2.2.5.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.2.11 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		492
	Address <Adr>	[0..1]	Text		492
	CountryCode <CtryCd>	[1..1]	CodeSet		492
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		492
	RegisteredIdentifier <Regldr>	[1..1]	Text		492

12.4.2.2.5.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

12.4.2.2.5.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

12.4.2.2.5.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

12.4.2.2.5.2.2.11.4 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 2385

12.4.2.2.5.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.2.12 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 2376):

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

12.4.2.2.5.2.2.13 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 2313

12.4.2.2.5.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

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

12.4.2.2.5.2.2.15 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 2376):

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

12.4.2.2.5.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

12.4.2.2.5.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

12.4.2.2.5.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

12.4.2.2.5.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		495
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		495
	SystemToNotify <SysToNtfy>	[0..1]	Text		495
	Debtor <Dbtr>	[0..1]	±		496
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	497
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		497
	Creditor <Cdtr>	[0..1]	±		497
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	498
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		499

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

12.4.2.2.5.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

12.4.2.2.5.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

12.4.2.2.5.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

12.4.2.2.5.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

12.4.2.2.5.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

12.4.2.2.5.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

12.4.2.2.5.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

12.4.2.2.5.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

12.4.2.2.5.2.3.9 ProtectedCreditorAccount <PrctcdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrctcdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

12.4.2.2.5.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		500
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	501
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		502
	Creditor <Cdtr>	[0..1]	±		502
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	503
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		504
	MandateRelatedInformation <MndtRltdInf>	[1..1]			504
	MandateIdentification <MndtId>	[1..1]	Text		505
	DateOfSignature <DtOfSgntr>	[0..1]	Date		505
	MandateImage <MndtImg>	[0..1]	Binary		505
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		505

12.4.2.2.5.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer </Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer </Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

12.4.2.5.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

12.4.2.2.5.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

12.4.2.2.5.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

12.4.2.2.5.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

12.4.2.2.5.2.4.6 ProtectedCreditorAccount <PrctcdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrctcdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

12.4.2.2.5.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		505
	DateOfSignature <DtOfSgntr>	[0..1]	Date		505
	MandateImage <MndtImg>	[0..1]	Binary		505
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		505

12.4.2.2.5.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

12.4.2.2.5.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

12.4.2.2.5.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

12.4.2.2.5.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

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 2334

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 2337

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.

12.4.2.2.5.5 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

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 2385

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 2382

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 **CardPaymentDataSetTransaction13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		508
Or	Cancellation <Cxl>	[1..1]	±		515
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		519
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		526
Or	TokenRequest <TknReq>	[1..1]			531
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		531
	Environment <Env<	[1..1]	±	C9	531
Or}	TokenResponse <TknRspn>	[1..1]			537
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		537
	Environment <Env<	[1..1]	±	C9	538

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 "CardPaymentDataSetTransaction51" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1936
	Traceability <Tracblt>	[0..*]	±		1936
	Environment <Envt>	[1..1]	±	C9	1936
	Context <Cntxt>	[0..1]		C10	1942
	PaymentContext <PmtCntxt>	[0..1]			1945
	CardPresent <CardPres>	[0..1]	Indicator		1945
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1945
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1946
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1946
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1946
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1946
	BusinessArea <BizArea>	[0..1]	CodeSet		1947
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1947
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1947
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1948
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1948
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1949
	SaleContext <SaleCntxt>	[0..1]			1949
	SaleIdentification <SaleId>	[0..1]	Text		1950
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1950
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1951
	CashierIdentification <CshrId>	[0..1]	Text		1951
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1951
	ShiftNumber <ShftNb>	[0..1]	Text		1951
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1951
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1951
	InvoiceNumber <InvcNb>	[0..1]	Text		1951
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1952
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1952
	CommonName <CmonNm>	[1..1]	Text		1952

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1952
	CountryCode <CtryCd>	[1..1]	CodeSet		1952
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1952
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1952
	SplitPayment <SpltPmt>	[0..1]	Indicator		1953
	RemainingAmount <RmngAmt>	[0..1]	Amount		1953
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1953
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1953
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1953
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1954
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1954
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1954
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1955
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1955
	SystemToNotify <SysToNtfy>	[0..1]	Text		1955
	Debtor <Dbtr>	[0..1]	±		1956
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1957
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1957
	Creditor <Cdtr>	[0..1]	±		1957
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1958
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1959
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1959
	Debtor <Dbtr>	[0..1]	±		1960
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1961
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1962
	Creditor <Cdtr>	[0..1]	±		1962
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1963
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1964
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1964
	MandateIdentification <MndtId>	[1..1]	Text		1965
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1965

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1965
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1965
	Transaction <Tx>	[1..1]			1965
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1970
	TransactionType <TxTp>	[0..1]	CodeSet		1970
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1971
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1972
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1972
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1972
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1972
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1973
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1973
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1973
	TransactionIdentification <TxId>	[1..1]	±		1973
	OriginalTransaction <OrgnlTx>	[0..1]	±		1973
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1974
	Reversal <Rvsl>	[0..1]	Indicator		1974
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1975
	FailureReason <FailrRsn>	[0..*]	CodeSet		1975
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1976
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1976
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1976
	InterchangeData <IntrchnngData>	[0..1]	Text		1976
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1976
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1976
	TransactionDetails <TxDtls>	[1..1]			1976
	Currency <Ccy>	[0..1]	CodeSet	C1	1979
	TotalAmount <TtlAmt>	[1..1]	Amount		1979
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1979
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1979
	DetailedAmount <DtldAmt>	[0..1]	±		1979

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1980
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1980
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1980
	ValidityDate <VldtyDt>	[0..1]	Date		1980
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1980
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1981
	AccountType <AcctTp>	[0..1]	CodeSet		1981
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1982
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1984
	Conversion <Convs>	[0..1]			1984
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1986
	TargetCurrency <TrgtCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986
	ResultingAmount <RsltAmt>	[0..1]	Amount		1987
	ExchangeRate <XchgRate>	[1..1]	Rate		1987
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1987
	QuotationDate <QtnDt>	[0..1]	DateTime		1987
	ValidFrom <VldFr>	[0..1]	DateTime		1987
	ValidUntil <VldUntil>	[0..1]	DateTime		1987
	SourceCurrency <SrcCcy>	[1..1]			1987
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988
	Name <Nm>	[0..1]	Text		1988
	ApplicableBinRange <AplblBinRg>	[0..*]			1988
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989
	OriginalAmount <OrgnlAmt>	[0..1]			1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1989
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989
	CommissionDetails <ComssnDtls>	[0..*]			1990
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	MarkUpDetails <MrkUpDtls>	[0..*]			1990
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1990
	Instalment <Instlmt>	[0..*]	±		1991
	Recurring <Rcrng>	[0..1]	±		1992
	AggregationTransaction <AggtnTx>	[0..1]	±		1993
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1993
	SaleItem <Saleitm>	[0..*]	±		1993
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1994
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1994
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1994
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1994
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1995
	AdditionalInformation <AddtlInf>	[0..*]			1995
	Identification <Id>	[1..1]	Text		1995
	Value <Val>	[0..1]	Binary		1995
	ProtectedValue <PrctcdVal>	[0..1]	±		1995
	Type <Tp>	[0..1]	Text		1996
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1996
	AuthorisationResult <AuthstnRslt>	[0..1]			1996
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1996
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1997
	Response <Rspn>	[1..1]	CodeSet		1997
	ResponseReason <RspnRsn>	[0..1]	Text		1997

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1998
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1998
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1998
	AccountFrom <AcctFr>	[0..1]			1998
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1999
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2000
	AccountName <AcctNm>	[0..1]	Text		2000
	AccountOwner <AcctOwnr>	[0..1]			2001
	Name <Nm>	[1..1]	Text		2001
	Address <Adr>	[1..1]	±		2001
	Currency <Ccy>	[0..1]	CodeSet	C1	2001
	AccountIdentifier <AcctIdr>	[0..1]			2002
{Or	Card <Card>	[1..1]	Text		2002
Or	MSISDN <MSISDN>	[1..1]	Text		2002
Or	EMail <EMail>	[1..1]	Text		2002
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2002
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2003
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2003
Or	Domestic <Dmst>	[1..1]	Text		2003
Or}	Other <Othr>	[1..1]	Text		2003
	Servicer <Svcr>	[0..1]			2003
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2004
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2004
	AccountTo <AcctTo>	[0..1]			2004
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2005
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2006
	AccountName <AcctNm>	[0..1]	Text		2006
	AccountOwner <AcctOwnr>	[0..1]			2007
	Name <Nm>	[1..1]	Text		2007
	Address <Adr>	[1..1]	±		2007
	Currency <Ccy>	[0..1]	CodeSet	C1	2007

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			2008
{Or	Card <Card>	[1..1]	Text		2008
Or	MSISDN <MSISDN>	[1..1]	Text		2008
Or	EMail <EMail>	[1..1]	Text		2008
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2008
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2009
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2009
Or	Domestic <Dmst>	[1..1]	Text		2009
Or}	Other <Othr>	[1..1]	Text		2009
	Servicer <Svcr>	[0..1]			2009
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2010
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2010
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2010

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 "[CardPaymentDataSetTransaction50](#)" on page 1887 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1891
	Traceability <Tracblt>	[0..*]	±		1891
	Environment <Envt>	[1..1]	±	C9	1891
	Context <Cntxt>	[0..1]		C10	1897
	PaymentContext <PmtCntxt>	[0..1]			1900
	CardPresent <CardPres>	[0..1]	Indicator		1900
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1900
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1901
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1901
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1901
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1901
	BusinessArea <BizArea>	[0..1]	CodeSet		1902
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1902
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1902
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1903
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1903
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1904
	SaleContext <SaleCntxt>	[0..1]			1904
	SaleIdentification <SaleId>	[0..1]	Text		1905
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1905
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1906
	CashierIdentification <CshrId>	[0..1]	Text		1906
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1906
	ShiftNumber <ShftNb>	[0..1]	Text		1906
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1906
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1906
	InvoiceNumber <InvNb>	[0..1]	Text		1906
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1907
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1907
	CommonName <CmonNm>	[1..1]	Text		1907

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1907
	CountryCode <CtryCd>	[1..1]	CodeSet		1907
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1907
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1907
	SplitPayment <SpltPmt>	[0..1]	Indicator		1908
	RemainingAmount <RmngAmt>	[0..1]	Amount		1908
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1908
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1908
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1908
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1909
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1909
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1909
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1910
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1910
	SystemToNotify <SysToNtfy>	[0..1]	Text		1910
	Debtor <Dbtr>	[0..1]	±		1911
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1912
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1912
	Creditor <Cdtr>	[0..1]	±		1912
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1913
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1914
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1914
	Debtor <Dbtr>	[0..1]	±		1915
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1916
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1917
	Creditor <Cdtr>	[0..1]	±		1917
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1918
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1919
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1919
	MandateIdentification <MndtId>	[1..1]	Text		1920
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1920

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1920
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1920
	Transaction <Tx>	[1..1]			1920
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1922
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1922
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1922
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1922
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1922
	TransactionIdentification <TxId>	[1..1]	±		1922
	OriginalTransaction <OrgnlTx>	[0..1]	±		1923
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1923
	Reversal <Rvsl>	[0..1]	Indicator		1924
	FailureReason <FailrRsn>	[0..*]	CodeSet		1924
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1925
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1925
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1925
	InterchangeData <IntrchgngData>	[0..1]	Text		1925
	TransactionDetails <TxDtls>	[1..1]			1925
	Currency <Ccy>	[0..1]	CodeSet	C1	1925
	TotalAmount <TtlAmt>	[1..1]	Amount		1926
	ValidityDate <VldtyDt>	[0..1]	Date		1926
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1926
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1926
	AuthorisationResult <AuthstnRslt>	[0..1]			1926
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1927
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1927
	Response <Rspn>	[1..1]	CodeSet		1928
	ResponseReason <RspnRsn>	[0..1]	Text		1928
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1928
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1928
	TMSTrigger <TMSTrggr>	[0..1]			1928

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSctctLvl>	[1..1]	CodeSet		1928
	TMSIdentification <TMSId>	[0..1]	Text		1929
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		1929
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1929

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
"CardPaymentDataSetTransaction52" on page 1810 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1817
	Traceability <Tracblt>	[0..*]	±		1817
	Environment <Envt>	[1..1]	±	C9	1817
	Context <Cntxt>	[0..1]		C10	1823
	PaymentContext <PmtCntxt>	[0..1]			1826
	CardPresent <CardPres>	[0..1]	Indicator		1826
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1826
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1827
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1827
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1827
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1827
	BusinessArea <BizArea>	[0..1]	CodeSet		1828
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1828
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1828
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1829
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1829
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1830
	SaleContext <SaleCntxt>	[0..1]			1830
	SaleIdentification <SaleId>	[0..1]	Text		1831
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1831
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1832
	CashierIdentification <CshrId>	[0..1]	Text		1832
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1832
	ShiftNumber <ShftNb>	[0..1]	Text		1832
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1832
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1832
	InvoiceNumber <InvNb>	[0..1]	Text		1832
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1833
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1833
	CommonName <CmonNm>	[1..1]	Text		1833

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1833
	CountryCode <CtryCd>	[1..1]	CodeSet		1833
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1833
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1833
	SplitPayment <Spltpmt>	[0..1]	Indicator		1834
	RemainingAmount <RmngAmt>	[0..1]	Amount		1834
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1834
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1834
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1834
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1835
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1835
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1835
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1836
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1836
	SystemToNotify <SysToNtfy>	[0..1]	Text		1836
	Debtor <Dbtr>	[0..1]	±		1837
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1838
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1838
	Creditor <Cdtr>	[0..1]	±		1838
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1839
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1840
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1840
	Debtor <Dbtr>	[0..1]	±		1841
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1842
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1843
	Creditor <Cdtr>	[0..1]	±		1843
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1844
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1845
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1845
	MandateIdentification <MndtId>	[1..1]	Text		1846
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1846

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1846
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1846
	Transaction <Tx>	[1..1]			1846
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1850
	TransactionType <TxTp>	[0..1]	CodeSet		1851
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1851
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1852
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1853
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1853
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1853
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1853
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1853
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1853
	TransactionIdentification <TxId>	[1..1]	±		1854
	OriginalTransaction <OrgnlTx>	[0..1]	±		1854
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1854
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1855
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1855
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1855
	TransactionDetails <TxDtls>	[1..1]			1855
	Currency <Ccy>	[0..1]	CodeSet	C1	1858
	TotalAmount <TtlAmt>	[1..1]	Amount		1858
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1858
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1858
	DetailedAmount <DtldAmt>	[0..1]	±		1858
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1859
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1859
	InvoiceAmount <InvAmt>	[0..1]	Amount		1859
	ValidityDate <VldtyDt>	[0..1]	Date		1859
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1859
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1860

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1860
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1861
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1863
	Conversion <Convs>	[0..1]			1863
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1865
	TargetCurrency <TrgtCcy>	[1..1]			1865
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	ResultingAmount <RsltAmt>	[0..1]	Amount		1866
	ExchangeRate <XchgRate>	[1..1]	Rate		1866
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1866
	QuotationDate <QtnDt>	[0..1]	DateTime		1866
	ValidFrom <VldFr>	[0..1]	DateTime		1866
	ValidUntil <VldUntil>	[0..1]	DateTime		1866
	SourceCurrency <SrcCcy>	[1..1]			1866
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867
	Name <Nm>	[0..1]	Text		1867
	ApplicableBinRange <AplblBinRg>	[0..*]			1867
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868
	OriginalAmount <OrgnlAmt>	[0..1]			1868
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868
	CommissionDetails <ComssnDtls>	[0..*]			1869
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkupDetails <MrkUpDtls>	[0..*]			1869
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1869
	Instalment <Instlmt>	[0..*]	±		1870
	Recurring <Rcrng>	[0..1]	±		1871
	AggregationTransaction <AggtnTx>	[0..1]	±		1872
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1872
	SaleItem <Saleitm>	[0..*]	±		1872
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1873
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1873
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1873
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1873
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1874
	AdditionalInformation <AddtlInf>	[0..*]			1874
	Identification <Id>	[1..1]	Text		1874
	Value <Val>	[0..1]	Binary		1874
	ProtectedValue <PrtctdVal>	[0..1]	±		1874
	Type <Tp>	[0..1]	Text		1875
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1875
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1875
	AccountFrom <AcctFr>	[0..1]			1875
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1876
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1877
	AccountName <AcctNm>	[0..1]	Text		1877
	AccountOwner <AcctOwnr>	[0..1]			1878
	Name <Nm>	[1..1]	Text		1878
	Address <Adr>	[1..1]	±		1878
	Currency <Ccy>	[0..1]	CodeSet	C1	1878
	AccountIdentifier <AcctIdr>	[0..1]			1879
{Or	Card <Card>	[1..1]	Text		1879

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1879
Or	EMail <EMail>	[1..1]	Text		1879
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1879
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1880
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1880
Or	Domestic <Dmst>	[1..1]	Text		1880
Or}	Other <Othr>	[1..1]	Text		1880
	Servicer <Svcr>	[0..1]			1880
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1881
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1881
	AccountTo <AcctTo>	[0..1]			1881
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1882
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1883
	AccountName <AcctNm>	[0..1]	Text		1883
	AccountOwner <AcctOwnr>	[0..1]			1884
	Name <Nm>	[1..1]	Text		1884
	Address <Adr>	[1..1]	±		1884
	Currency <Ccy>	[0..1]	CodeSet	C1	1884
	AccountIdentifier <AcctIdr>	[0..1]			1885
{Or	Card <Card>	[1..1]	Text		1885
Or	MSISDN <MSISDN>	[1..1]	Text		1885
Or	EMail <EMail>	[1..1]	Text		1885
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1885
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1886
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1886
Or	Domestic <Dmst>	[1..1]	Text		1886
Or}	Other <Othr>	[1..1]	Text		1886
	Servicer <Svcr>	[0..1]			1886
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1887
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1887
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1887

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
"CardPaymentDataSetTransaction53" on page 1754 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1759
	Traceability <Tracblt>	[0..*]	±		1759
	Environment <Envt>	[1..1]	±	C9	1760
	Transaction <Tx>	[1..1]			1766
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1769
	TransactionIdentification <TxId>	[1..1]	±		1769
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1769
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1769
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1769
	InterchangeData <IntrchnngData>	[0..1]	Text		1770
	TransactionDetails <TxDtls>	[1..1]			1770
	Currency <Ccy>	[0..1]	CodeSet	C1	1773
	TotalAmount <TtlAmt>	[1..1]	Amount		1773
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1773
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1773
	DetailedAmount <DtldAmt>	[0..1]	±		1773
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1774
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1774
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1774
	ValidityDate <VldtyDt>	[0..1]	Date		1774
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1774
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1775
	AccountType <AcctTp>	[0..1]	CodeSet		1775
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1776
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1778
	Conversion <Convs>	[0..1]			1778
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1780
	TargetCurrency <TrgtCcy>	[1..1]			1780
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1780
	Name <Nm>	[0..1]	Text		1780
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1781
	ExchangeRate <XchgRate>	[1..1]	Rate		1781
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1781
	QuotationDate <QtnDt>	[0..1]	DateTime		1781
	ValidFrom <VldFr>	[0..1]	DateTime		1781
	ValidUntil <VldUntil>	[0..1]	DateTime		1781
	SourceCurrency <SrcCcy>	[1..1]			1781
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782
	Name <Nm>	[0..1]	Text		1782
	ApplicableBinRange <AplblBinRg>	[0..*]			1782
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783
	OriginalAmount <OrgnlAmt>	[0..1]			1783
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783
	CommissionDetails <ComssnDtls>	[0..*]			1784
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	MarkUpDetails <MrkUpDtls>	[0..*]			1784
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1784
	Instalment <Instlmt>	[0..*]	±		1785
	Recurring <Rcrng>	[0..1]	±		1786
	AggregationTransaction <AggtnTx>	[0..1]	±		1787
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1787

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1787
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1788
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1788
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1788
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1788
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1789
	AdditionalInformation <AddtlInf>	[0..*]			1789
	Identification <Id>	[1..1]	Text		1789
	Value <Val>	[0..1]	Binary		1789
	ProtectedValue <PrctcdVal>	[0..1]	±		1789
	Type <Tp>	[0..1]	Text		1790
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1790
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1790
	TransactionResponse <TxRspn>	[1..1]			1790
	AuthorisationResult <AuthstnRslt>	[1..1]			1793
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1793
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1794
	Response <Rspn>	[1..1]	CodeSet		1794
	ResponseReason <RspnRsn>	[0..1]	Text		1794
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1794
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1794
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1794
	TMSTrigger <TMSTrggr>	[0..1]			1795
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1795
	TMSIdentification <TMSId>	[0..1]	Text		1795
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1795
	AllowedProductCode <AllwdPdctCd>	[0..*]			1795
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1796

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1797
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1797
	AmountLimit <AmtLmt>	[0..1]	Amount		1797
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1797
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1797
	Balance <Bal>	[0..1]	±		1799
	ProtectedBalance <PrctdBal>	[0..1]	±		1799
	Action <Actn>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1801
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1803
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1805
	TargetCurrency <TrgtCcy>	[1..1]			1805
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1805
	NumericCode <NmrcCd>	[1..1]	Text		1805
	Decimal <Dcml>	[1..1]	Quantity		1805
	Name <Nm>	[0..1]	Text		1806
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1806
	ExchangeRate <XchgRate>	[1..1]	Rate		1806
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1806
	QuotationDate <QtnDt>	[0..1]	DateTime		1806
	ValidFrom <VldFr>	[0..1]	DateTime		1806
	ValidUntil <VldUntil>	[0..1]	DateTime		1806
	SourceCurrency <SrcCcy>	[1..1]			1806
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1807
	NumericCode <NmrcCd>	[0..1]	Text		1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1807
	Name <Nm>	[0..1]	Text		1807
	ApplicableBinRange <ApblBinRg>	[0..*]			1807
	LowerBin <LwrBin>	[1..1]	Text		1808
	HigherBin <HghrBin>	[1..1]	Text		1808
	OriginalAmount <OrgnlAmt>	[0..1]			1808
	ActualAmount <ActlAmt>	[0..1]	Amount		1808
	MinimumAmount <MinAmt>	[0..1]	Amount		1808
	MaximumAmount <MaxAmt>	[0..1]	Amount		1808
	CommissionDetails <ComssnDtls>	[0..*]			1809
	Amount <Amt>	[1..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	MarkUpDetails <MrkUpDtls>	[0..*]			1809
	Rate <Rate>	[1..1]	Rate		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1809

12.4.2.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		531
	Environment <Envt>	[1..1]	±	C9	531

12.4.2.2.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 2384

12.4.2.2.6.5.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

12.4.2.2.6.6 TokenResponse <TknRspn>

Presence: [1..1]

Definition: Response to a token computation.

TokenResponse <TknRspn> contains the following **TokenRequestComponent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		537
	Environment <Env>	[1..1]	±	C9	538

12.4.2.2.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 2384

12.4.2.2.6.6.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <CrdhldrId>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <DrvrId>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

12.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

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

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on [page 2302](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

13 caaa.012.001.13

AcceptorBatchTransferResponseV13

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 AcceptorBatchTransferResponseV13 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]			549
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		549
	FormatVersion <FrmtVrsn>	[1..1]	Text		549
	ExchangeIdentification <XchgId>	[1..1]	Quantity		549
	CreationDateTime <CreDtTm>	[1..1]	DateTime		549
	InitiatingParty <InitgPty>	[1..1]	±		550
	RecipientParty <RcptPty>	[0..1]	±		550
	BatchTransferResponse <BtchTrfRspn>	[1..1]			551
	TransactionTotals <TxTtls>	[0..*]			554
	POIGroupIdentification <POIGrpId>	[0..1]	Text		554
	CardBrand <CardBrnd>	[0..1]	Text		554
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		555
	Currency <Ccy>	[0..1]	CodeSet	C1	555
	Type <Tp>	[1..1]	CodeSet		555
	TotalNumber <TtlNb>	[1..1]	Quantity		555
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		556
	DataSet <DataSet>	[0..*]			556
	DataSetIdentification <DataSetId>	[1..1]			559
	Name <Nm>	[1..1]	Text		559
	Type <Tp>	[1..1]	CodeSet		559
	Version <Vrsn>	[0..1]	Text		560
	CreationDateTime <CreDtTm>	[1..1]	DateTime		560
	DataSetResult <DataSetRslt>	[1..1]			560
	Response <Rspn>	[1..1]	CodeSet		560
	ResponseReason <RspnRsn>	[0..1]	Text		560
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		561
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		561
	DataSetInitiator <DataSetInitr>	[0..1]	±		561
	TransactionTotals <TxTtls>	[1..*]			561

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		562
	CardBrand <CardBrnd>	[0..1]	Text		562
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		562
	Currency <Ccy>	[0..1]	CodeSet	C1	562
	Type <Tp>	[1..1]	CodeSet		562
	TotalNumber <TtlNb>	[1..1]	Quantity		563
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		563
	RejectedTransaction <RjctdTx>	[0..*]			563
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		564
	TransactionResponse <TxRspn>	[1..1]			564
	Response <Rspn>	[1..1]	CodeSet		564
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		565
	Environment <Envnt>	[1..1]	±	C3	565
	Transaction <Tx>	[1..1]			571
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		571
	TransactionIdentification <TxId>	[1..1]	±		572
	Response <Rspn>	[1..1]	CodeSet		572
	SuspendedTransaction <SspdTx>	[0..*]			572
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		573
	TransactionResponse <TxRspn>	[1..1]			573
	Response <Rspn>	[1..1]	CodeSet		573
	ResponseReason <RspnRsn>	[0..1]	Text		574
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		574
	Environment <Envnt>	[1..1]	±	C3	574
	Transaction <Tx>	[1..1]			580
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		580
	TransactionIdentification <TxId>	[1..1]	±		581
	Response <Rspn>	[1..1]	CodeSet		581
	ResumedApproval <RsmdApprvl>	[0..*]			581
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		582

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			582
	Response <Rspn>	[1..1]	CodeSet		582
	ResponseReason <RspnRsn>	[0..1]	Text		583
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		583
	Environment <Envt>	[1..1]	±	C3	583
	Transaction <Tx>	[1..1]			589
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		589
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590
	ResumedRejection <RsmdRjctn>	[0..*]			590
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		591
	TransactionResponse <TxRspn>	[1..1]			591
	Response <Rspn>	[1..1]	CodeSet		591
	ResponseReason <RspnRsn>	[0..1]	Text		592
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		592
	Environment <Envt>	[1..1]	±	C3	592
	Transaction <Tx>	[1..1]			598
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		598
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599
	SecurityTrailer <SctyTrlr>	[0..1]	±		599

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 OneElementPresenceRule

At least one of these subelements must be present.

C4 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		549
	FormatVersion <FrmtVrsn>	[1..1]	Text		549
	Exchangeldentification <Xchgld>	[1..1]	Quantity		549
	CreationDateTime <CreDtTm>	[1..1]	DateTime		549
	InitiatingParty <InitgPty>	[1..1]	±		550
	RecipientParty <RcptPty>	[0..1]	±		550

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 2376):

- *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 2383

13.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number"](#) on page 2377

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 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

13.4.2 **BatchTransferResponse <BtchTrfRspn>**

Presence: [1..1]

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

BatchTransferResponse <BtchTrfRspn> contains the following
CardPaymentBatchTransferResponse12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			554
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		554
	CardBrand <CardBrnd>	[0..1]	Text		554
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		555
	Currency <Ccy>	[0..1]	CodeSet	C1	555
	Type <Tp>	[1..1]	CodeSet		555
	TotalNumber <TtlNb>	[1..1]	Quantity		555
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		556
	DataSet <DataSet>	[0..*]			556
	DataSetIdentification <DataSetId>	[1..1]			559
	Name <Nm>	[1..1]	Text		559
	Type <Tp>	[1..1]	CodeSet		559
	Version <Vrsn>	[0..1]	Text		560
	CreationDateTime <CreDtTm>	[1..1]	DateTime		560
	DataSetResult <DataSetRslt>	[1..1]			560
	Response <Rspn>	[1..1]	CodeSet		560
	ResponseReason <RspnRsn>	[0..1]	Text		560
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		561
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		561
	DataSetInitiator <DataSetInitr>	[0..1]	±		561
	TransactionTotals <TxTtls>	[1..*]			561
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		562
	CardBrand <CardBrnd>	[0..1]	Text		562
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		562
	Currency <Ccy>	[0..1]	CodeSet	C1	562
	Type <Tp>	[1..1]	CodeSet		562
	TotalNumber <TtlNb>	[1..1]	Quantity		563
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		563
	RejectedTransaction <RjctdTx>	[0..*]			563
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		564

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			564
	Response <Rspn>	[1..1]	CodeSet		564
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		565
	Environment <Envnt>	[1..1]	±	C3	565
	Transaction <Tx>	[1..1]			571
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		571
	TransactionIdentification <TxId>	[1..1]	±		572
	Response <Rspn>	[1..1]	CodeSet		572
	SuspendedTransaction <SspdTx>	[0..*]			572
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		573
	TransactionResponse <TxRspn>	[1..1]			573
	Response <Rspn>	[1..1]	CodeSet		573
	ResponseReason <RspnRsn>	[0..1]	Text		574
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		574
	Environment <Envnt>	[1..1]	±	C3	574
	Transaction <Tx>	[1..1]			580
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		580
	TransactionIdentification <TxId>	[1..1]	±		581
	Response <Rspn>	[1..1]	CodeSet		581
	ResumedApproval <RsmdApprvl>	[0..*]			581
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		582
	TransactionResponse <TxRspn>	[1..1]			582
	Response <Rspn>	[1..1]	CodeSet		582
	ResponseReason <RspnRsn>	[0..1]	Text		583
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		583
	Environment <Envnt>	[1..1]	±	C3	583
	Transaction <Tx>	[1..1]			589
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		589
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResumedRejection <RsmdRjctn>	[0..*]			590
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		591
	TransactionResponse <TxRspn>	[1..1]			591
	Response <Rspn>	[1..1]	CodeSet		591
	ResponseReason <RspnRsn>	[0..1]	Text		592
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		592
	Environment <Envt>	[1..1]	±	C3	592
	Transaction <Tx>	[1..1]			598
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		598
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599

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		554
	CardBrand <CardBrnd>	[0..1]	Text		554
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		555
	Currency <Ccy>	[0..1]	CodeSet	C1	555
	Type <Tp>	[1..1]	CodeSet		555
	TotalNumber <TtlNb>	[1..1]	Quantity		555
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		556

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 2382

13.4.2.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

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 2382

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2371

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 2377

13.4.2.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

13.4.2.2 DataSet <DataSet>

Presence: [0..*]

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

DataSet <DataSet> contains the following **CardPaymentDataSet39** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			559
	Name <Nm>	[1..1]	Text		559
	Type <Tp>	[1..1]	CodeSet		559
	Version <Vrsn>	[0..1]	Text		560
	CreationDateTime <CreDtTm>	[1..1]	DateTime		560
	DataSetResult <DataSetRslt>	[1..1]			560
	Response <Rspn>	[1..1]	CodeSet		560
	ResponseReason <RspnRsn>	[0..1]	Text		560
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		561
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		561
	DataSetInitiator <DataSetInitr>	[0..1]	±		561
	TransactionTotals <TxTtls>	[1..*]			561
	POIGroupIdentification <POIGrpld>	[0..1]	Text		562
	CardBrand <CardBrnd>	[0..1]	Text		562
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		562
	Currency <Ccy>	[0..1]	CodeSet	C1	562
	Type <Tp>	[1..1]	CodeSet		562
	TotalNumber <TtlNb>	[1..1]	Quantity		563
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		563
	RejectedTransaction <RjctdTx>	[0..*]			563
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		564
	TransactionResponse <TxRspn>	[1..1]			564
	Response <Rspn>	[1..1]	CodeSet		564
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		565
	Environment <Envt>	[1..1]	±	C3	565
	Transaction <Tx>	[1..1]			571
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		571
	TransactionIdentification <TxId>	[1..1]	±		572
	Response <Rspn>	[1..1]	CodeSet		572
	SuspendedTransaction <SspdTx>	[0..*]			572

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		573
	TransactionResponse <TxRspn>	[1..1]			573
	Response <Rspn>	[1..1]	CodeSet		573
	ResponseReason <RspnRsn>	[0..1]	Text		574
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		574
	Environment <Envvt>	[1..1]	±	C3	574
	Transaction <Tx>	[1..1]			580
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		580
	TransactionIdentification <TxId>	[1..1]	±		581
	Response <Rspn>	[1..1]	CodeSet		581
	ResumedApproval <RsmdApprvl>	[0..*]			581
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		582
	TransactionResponse <TxRspn>	[1..1]			582
	Response <Rspn>	[1..1]	CodeSet		582
	ResponseReason <RspnRsn>	[0..1]	Text		583
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		583
	Environment <Envvt>	[1..1]	±	C3	583
	Transaction <Tx>	[1..1]			589
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		589
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590
	ResumedRejection <RsmdRjctn>	[0..*]			590
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		591
	TransactionResponse <TxRspn>	[1..1]			591
	Response <Rspn>	[1..1]	CodeSet		591
	ResponseReason <RspnRsn>	[0..1]	Text		592
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		592
	Environment <Envvt>	[1..1]	±	C3	592
	Transaction <Tx>	[1..1]			598
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		598
	TransactionIdentification <TxId>	[1..1]	±		599

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		599

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		559
	Type <Tp>	[1..1]	CodeSet		559
	Version <Vrsn>	[0..1]	Text		560
	CreationDateTime <CreDtTm>	[1..1]	DateTime		560

13.4.2.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2381

13.4.2.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2340

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 2381

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 2374

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		560
	ResponseReason <RspnRsn>	[0..1]	Text		560
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		561

13.4.2.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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 2382

13.4.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

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 2376):

- *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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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		562
	CardBrand <CardBrnd>	[0..1]	Text		562
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		562
	Currency <Ccy>	[0..1]	CodeSet	C1	562
	Type <Tp>	[1..1]	CodeSet		562
	TotalNumber <TtlNb>	[1..1]	Quantity		563
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		563

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 2382

13.4.2.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

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 2382

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2371

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 2377

13.4.2.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

13.4.2.2.6 RejectedTransaction <RjctdTx>

Presence: [0..*]

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

RejectedTransaction <RjctdTx> contains the following **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		564
	TransactionResponse <TxRspn>	[1..1]			564
	Response <Rspn>	[1..1]	CodeSet		564
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		565
	Environment <Envt>	[1..1]	±	C3	565
	Transaction <Tx>	[1..1]			571
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		571
	TransactionIdentification <Txld>	[1..1]	±		572
	Response <Rspn>	[1..1]	CodeSet		572

13.4.2.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

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		564
	ResponseReason <RspnRsn>	[0..1]	Text		565
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		565

13.4.2.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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 2382

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 2380

13.4.2.2.6.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		571
	TransactionIdentification <TxId>	[1..1]	±		572
	Response <Rspn>	[1..1]	CodeSet		572

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

13.4.2.2.6.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

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 **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		573
	TransactionResponse <TxRspn>	[1..1]			573
	Response <Rspn>	[1..1]	CodeSet		573
	ResponseReason <RspnRsn>	[0..1]	Text		574
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		574
	Environment <Envt>	[1..1]	±	C3	574
	Transaction <Tx>	[1..1]			580
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		580
	TransactionIdentification <TxId>	[1..1]	±		581
	Response <Rspn>	[1..1]	CodeSet		581

13.4.2.2.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

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		573
	ResponseReason <RspnRsn>	[0..1]	Text		574
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		574

13.4.2.2.7.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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).

13.4.2.2.7.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

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 2380

13.4.2.2.7.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		580
	TransactionIdentification <TxId>	[1..1]	±		581
	Response <Rspn>	[1..1]	CodeSet		581

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

13.4.2.2.7.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

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 <RsmndApprvl> contains the following **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		582
	TransactionResponse <TxRspn>	[1..1]			582
	Response <Rspn>	[1..1]	CodeSet		582
	ResponseReason <RspnRsn>	[0..1]	Text		583
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		583
	Environment <Envt>	[1..1]	±	C3	583
	Transaction <Tx>	[1..1]			589
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		589
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590

13.4.2.2.8.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

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		582
	ResponseReason <RspnRsn>	[0..1]	Text		583
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		583

13.4.2.2.8.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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).

13.4.2.2.8.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

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 2380

13.4.2.2.8.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		589
	TransactionIdentification <TxId>	[1..1]	±		590
	Response <Rspn>	[1..1]	CodeSet		590

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

13.4.2.2.8.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

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 <RsmRjctn> contains the following **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		591
	TransactionResponse <TxRspn>	[1..1]			591
	Response <Rspn>	[1..1]	CodeSet		591
	ResponseReason <RspnRsn>	[0..1]	Text		592
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		592
	Environment <Envt>	[1..1]	±	C3	592
	Transaction <Tx>	[1..1]			598
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		598
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599

13.4.2.2.9.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

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		591
	ResponseReason <RspnRsn>	[0..1]	Text		592
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		592

13.4.2.2.9.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

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).

13.4.2.2.9.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

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 2380

13.4.2.2.9.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		598
	TransactionIdentification <TxId>	[1..1]	±		599
	Response <Rspn>	[1..1]	CodeSet		599

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

13.4.2.2.9.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

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

13.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

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

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

14 caaa.013.001.13 AcceptorDiagnosticRequestV13

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 AcceptorDiagnosticRequestV13 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]			601
	MessageFunction <MsgFctn>	[1..1]	CodeSet		601
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		603
	ExchangeIdentification <XchgId>	[1..1]	Quantity		603
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		603
	CreationDateTime <CreDtTm>	[1..1]	DateTime		603
	InitiatingParty <InitgPty>	[1..1]	±		603
	RecipientParty <RcptPty>	[0..1]	±		604
	Traceability <Tracblt>	[0..*]	±		604
	DiagnosticRequest <DgnstcReq>	[1..1]			605
	Environment <Envnt>	[1..1]	±	C3	605
	AcquirerAvailabilityRequested <AcqrrAvlbttyReqd>	[0..1]	Indicator		611
	SecurityTrailer <SctyTrlr>	[0..1]	±		611

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 OneElementPresenceRule

At least one of these subelements must be present.

C4 ValidationByTable

Must be a valid terrestrial language.

14.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

14.4.1 Header <Hdr>

Presence: [1..1]

Definition: Diagnostic request message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		601
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		603
	ExchangeIdentification <XchgId>	[1..1]	Quantity		603
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		603
	CreationDateTime <CreDtTm>	[1..1]	DateTime		603
	InitiatingParty <InitgPty>	[1..1]	±		603
	RecipientParty <RcptPty>	[0..1]	±		604
	Traceability <Tracblt>	[0..*]	±		604

14.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

14.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

14.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

14.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

14.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctr>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

14.4.2 DiagnosticRequest <DgnstcReq>

Presence: [1..1]

Definition: Information related to the diagnostic request.

DiagnosticRequest <DgnstcReq> contains the following **AcceptorDiagnosticRequest13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	605
	AcquirerAvailabilityRequested <AcqrrAvlbtYReqd>	[0..1]	Indicator		611

14.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

14.4.2.2 AcquirerAvailabilityRequested <AcqrrAvlbttyReqd>

Presence: [0..1]

Definition: Indicates if the availability of the acquirer must be tested.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

14.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on [page 2302](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

15 caaa.014.001.12 AcceptorDiagnosticResponseV12

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 AcceptorDiagnosticResponseV12 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]			615
	MessageFunction <MsgFctn>	[1..1]	CodeSet		615
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		617
	ExchangeIdentification <XchgId>	[1..1]	Quantity		617
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		617
	CreationDateTime <CreDtTm>	[1..1]	DateTime		617
	InitiatingParty <InitgPty>	[1..1]	±		617
	RecipientParty <RcptPty>	[0..1]	±		617
	Traceability <Tracblt>	[0..*]	±		618
	DiagnosticResponse <DgnstcRspn>	[1..1]			618
	Environment <Envt>	[1..1]	±	C3	619
	TMSTrigger <TMSTrggr>	[0..1]			625
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		626
	TMSIdentification <TMSId>	[0..1]	Text		626
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		626
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		626
	SecurityTrailer <SctyTrlr>	[0..1]	±		626

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 OneElementPresenceRule

At least one of these subelements must be present.

C4 ValidationByTable

Must be a valid terrestrial language.

15.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

15.4.1 Header <Hdr>

Presence: [1..1]

Definition: Diagnostic response message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		615
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		617
	ExchangeIdentification <XchgId>	[1..1]	Quantity		617
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		617
	CreationDateTime <CreDtTm>	[1..1]	DateTime		617
	InitiatingParty <InitgPty>	[1..1]	±		617
	RecipientParty <RcptPty>	[0..1]	±		617
	Traceability <Tracblt>	[0..*]	±		618

15.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.

CodeName	Name	Definition
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

15.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

15.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

15.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

15.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

15.4.2 DiagnosticResponse <DgnstcRspn>

Presence: [1..1]

Definition: Information related to the diagnostic response.

DiagnosticResponse <DgnstcRspn> contains the following **AcceptorDiagnosticResponse11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	619
	TMSTrigger <TMSTrggr>	[0..1]			625
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		626
	TMSIdentification <TMSId>	[0..1]	Text		626
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		626
	AcquirerAvailable <AcqrrAvlbl>	[0..1]	Indicator		626

15.4.2.1 Environment <Envt>

Presence: [1..1]
Definition: Environment of the transaction.
Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

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		626
	TMSIdentification <TMSId>	[0..1]	Text		626
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		626

15.4.2.2.1 TMSContactLevel <TMScTctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

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 2382

15.4.2.2.3 TMSContactDateTime <TMScTctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

15.4.2.3 AcquirerAvailable <AcqrrAvlbl>

Presence: [0..1]

Definition: Indicates if the acquirer is available.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

15.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

16 caaa.015.001.06 AcceptorRejectionV06

16.1 MessageDefinition Functionality

The AcceptorRejection message is sent by the acquirer (or its agent) to reject a message request or advice sent by an acceptor (or its agent), to indicate that the received message could not be processed.

Outline

The AcceptorRejectionV06 MessageDefinition is composed of 2 MessageBuildingBlocks:

- A. Header
Rejection message management information.
- B. Reject
Information related to the reject.

16.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<i>Message root</i> <Document> <AccptrRjctn>	[1..1]			
	Header <Hdr>	[1..1]			628
	MessageFunction <MsgFctn>	[1..1]	CodeSet		628
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		628
	ExchangeIdentification <XchgId>	[0..1]	Quantity		628
	CreationDateTime <CreDtTm>	[1..1]	DateTime		628
	InitiatingParty <InitgPty>	[0..1]	±		629
	RecipientParty <RcptPty>	[0..1]	±		629
	Traceability <Tracblt>	[0..*]	±		630
	Reject <Rjct>	[1..1]			630
	RejectReason <RjctRsn>	[1..1]	CodeSet		630
	AdditionalInformation <AddtlInf>	[0..1]	Text		631
	MessageInError <MsgInErr>	[0..1]	Binary		631

16.3 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

16.3.1 Header <Hdr>

Presence: [1..1]

Definition: Rejection message management information.

Header <Hdr> contains the following **Header57** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		628
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		628
	ExchangeIdentification <Xchgld>	[0..1]	Quantity		628
	CreationDateTime <CreDtTm>	[1..1]	DateTime		628
	InitiatingParty <InitgPty>	[0..1]	±		629
	RecipientParty <RcptPty>	[0..1]	±		629
	Traceability <Tracblt>	[0..*]	±		630

16.3.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction9Code" on page 2352

CodeName	Name	Definition
RJCQ	AcceptorRequestReject	Reject of a request or an advice message by an acquirer or an agent.
RJCP	AcceptorResponseReject	Reject of a response or an advice response message by a card acceptor or an agent.

16.3.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

16.3.1.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

16.3.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

16.3.1.5 InitiatingParty <InitgPty>

Presence: [0..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification176](#)" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

16.3.1.6 RecipientParty <RcptPty>

Presence: [0..1]

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

RecipientParty <RcptPty> contains the following elements (see "[GenericIdentification177](#)" on page 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

16.3.1.7 Traceability <Tracblt>

Presence: [0..*]

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

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmln>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

16.3.2 Reject <Rjct>

Presence: [1..1]

Definition: Information related to the reject.

Reject <Rjct> contains the following **AcceptorRejection2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RejectReason <RjctRsn>	[1..1]	CodeSet		630
	AdditionalInformation <AddtlInf>	[0..1]	Text		631
	MessageInError <MsgInErr>	[0..1]	Binary		631

16.3.2.1 RejectReason <RjctRsn>

Presence: [1..1]

Definition: Reject reason of the request or the advice.

Datatype: "RejectReason1Code" on page 2362

CodeName	Name	Definition
UNPR	UnableToProcess	Not possible to process the message, for instance the security module is unavailable, the hardware is unavailable, or there is a problem of resource.
IMSG	InvalidMessage	Invalid envelope of the message.
PARS	ParsingError	Invalid message: At least one of the data element or data structure is not present, the format, or the content of one data element or one data structure is not correct.
SECU	Security	Security error (for example an invalid key or an incorrect MAC value).

CodeName	Name	Definition
INTP	InitiatingParty	Invalid identification data for the sender.
RCPP	RecipientParty	Invalid identification data for the the receiver.
DPMG	DuplicateMessage	Duplicate message, the identification of the exchange is the same than a previous message.
VERS	ProtocolVersion	Version of the protocol couldn't be supported by the recipient.
MSGT	MessageType	Type of message the recipient receives is unknow or unsupported.

16.3.2.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information related to the reject of the exchange.

Datatype: "Max500Text" on page 2383

16.3.2.3 MessageInError <MsgInErr>

Presence: [0..1]

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

Datatype: "Max100KBinary" on page 2313

17 caaa.016.001.12 AcceptorCurrencyConversionRequestV12

17.1 MessageDefinition Functionality

The AcceptorCurrencyConversionRequest message is sent by the card acceptor to the currency conversion service provider to request if the cardholder is able to pay in the currency of its card.

Outline

The AcceptorCurrencyConversionRequestV12 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Currency Conversion request message management information.
- B. CurrencyConversionRequest
Information related to the currency conversion request.
- C. SecurityTrailer
Trailer of the message containing a MAC.

17.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsReq>	[1..1]			
	Header <Hdr>	[1..1]			638
	MessageFunction <MsgFctn>	[1..1]	CodeSet		638
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		640
	ExchangeIdentification <XchgId>	[1..1]	Quantity		640
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		640
	CreationDateTime <CreDtTm>	[1..1]	DateTime		640
	InitiatingParty <InitgPty>	[1..1]	±		640
	RecipientParty <RcptPty>	[0..1]	±		641
	Traceability <Tracblt>	[0..*]	±		641
	CurrencyConversionRequest <CcyConvsReq>	[1..1]			642
	Environment <Envnt>	[1..1]	±	C4	647
	Transaction <Tx>	[0..1]			653
	TransactionCapture <TxCaptr>	[0..1]	Indicator		658
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		658
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		659
	TransactionType <TxTp>	[1..1]	CodeSet		659
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		660
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		661
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		661
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		661
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		662
	TransactionIdentification <TxId>	[1..1]	±		662
	OriginalTransaction <OrgnlTx>	[0..1]			662
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		664
	TransactionIdentification <TxId>	[1..1]	±		664
	POIIdentification <POIID>	[1..1]	±		664
	CurrencyConversion <CcyConvs>	[0..1]			664
	Result <Rslt>	[1..1]	CodeSet		667
	ResultReason <RsltRsn>	[0..1]	Text		667

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvsDtls>	[0..*]			667
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		669
	TargetCurrency <TrgtCcy>	[1..1]			669
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	669
	NumericCode <NmrcCd>	[1..1]	Text		669
	Decimal <Dcml>	[1..1]	Quantity		669
	Name <Nm>	[0..1]	Text		669
	ResultingAmount <RsltAmt>	[0..1]	Amount		670
	ExchangeRate <XchgRate>	[1..1]	Rate		670
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		670
	QuotationDate <QtnDt>	[0..1]	DateTime		670
	ValidFrom <VldFr>	[0..1]	DateTime		670
	ValidUntil <VldUntil>	[0..1]	DateTime		670
	SourceCurrency <SrcCcy>	[1..1]			670
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	671
	NumericCode <NmrcCd>	[0..1]	Text		671
	Decimal <Dcml>	[0..1]	Quantity		671
	Name <Nm>	[0..1]	Text		671
	ApplicableBinRange <AplblBinRg>	[0..*]			671
	LowerBin <LwrBin>	[1..1]	Text		672
	HigherBin <HghrBin>	[1..1]	Text		672
	OriginalAmount <OrgnlAmt>	[0..1]			672
	ActualAmount <ActlAmt>	[0..1]	Amount		672
	MinimumAmount <MinAmt>	[0..1]	Amount		672
	MaximumAmount <MaxAmt>	[0..1]	Amount		672
	CommissionDetails <ComssnDtls>	[0..*]			673
	Amount <Amt>	[1..1]	Amount		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	MarkUpDetails <MrkUpDtls>	[0..*]			673
	Rate <Rate>	[1..1]	Rate		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		673
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		674
	IssuerReferenceData <IssrRefData>	[0..1]	Text		674
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		674
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		674
	TransactionDetails <TxDtls>	[1..1]			675
	Currency <Ccy>	[0..1]	CodeSet	C1	678
	TotalAmount <TtlAmt>	[1..1]	Amount		678
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		678
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		678
	DetailedAmount <DtlAmt>	[0..1]	±		678
	RequestedAmount <ReqdAmt>	[0..1]	Amount		679
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		679
	InvoiceAmount <InvAmt>	[0..1]	Amount		679
	ValidityDate <VldtyDt>	[0..1]	Date		679
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		679
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		680
	AccountType <AcctTp>	[0..1]	CodeSet		680
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			681
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		683
	Conversion <Convs>	[0..1]			683
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		685
	TargetCurrency <TrgtCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	685
	NumericCode <NmrcCd>	[1..1]	Text		685
	Decimal <Dcml>	[1..1]	Quantity		685
	Name <Nm>	[0..1]	Text		685
	ResultingAmount <RsltgAmt>	[0..1]	Amount		686
	ExchangeRate <XchgRate>	[1..1]	Rate		686
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		686
	QuotationDate <QtnDt>	[0..1]	DateTime		686

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		686
	ValidUntil <VldUntil>	[0..1]	DateTime		686
	SourceCurrency <SrcCcy>	[1..1]			686
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	687
	NumericCode <NmrcCd>	[0..1]	Text		687
	Decimal <Dcml>	[0..1]	Quantity		687
	Name <Nm>	[0..1]	Text		687
	ApplicableBinRange <AplblBinRg>	[0..*]			687
	LowerBin <LwrBin>	[1..1]	Text		688
	HigherBin <HghrBin>	[1..1]	Text		688
	OriginalAmount <OrgnlAmt>	[0..1]			688
	ActualAmount <ActlAmt>	[0..1]	Amount		688
	MinimumAmount <MinAmt>	[0..1]	Amount		688
	MaximumAmount <MaxAmt>	[0..1]	Amount		688
	CommissionDetails <ComssnDtls>	[0..*]			689
	Amount <Amt>	[1..1]	Amount		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	MarkUpDetails <MrkUpDtls>	[0..*]			689
	Rate <Rate>	[1..1]	Rate		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	DeclarationDetails <DclrtnDtls>	[0..*]	±		689
	Instalment <Instlmt>	[0..*]	±		690
	Recurring <Rcrng>	[0..1]	±		691
	AggregationTransaction <AggtnTx>	[0..1]	±		692
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		692
	SaleItem <Saleitm>	[0..*]	±		692
	DeliveryLocation <DlvryLctn>	[0..1]	Text		693
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		693
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		693
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		693
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		694

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			694
	Identification <Id>	[1..1]	Text		694
	Value <Val>	[0..1]	Binary		694
	ProtectedValue <PrctcdVal>	[0..1]	±		694
	Type <Tp>	[0..1]	Text		695
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		695
	AuthorisationResult <AuthstnRslt>	[0..1]			695
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		695
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			696
	Response <Rspn>	[1..1]	CodeSet		696
	ResponseReason <RspnRsn>	[0..1]	Text		696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		697
	AuthorisationCode <AuthstnCd>	[0..1]	Text		697
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		697
	CustomerOrder <CstmrOrd>	[0..1]	±		697
	CustomerToken <CstmrTkn>	[0..1]	±		697
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		698
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		698
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		698
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		698
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		699
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		699
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		699
	SecurityTrailer <SctyTrlr>	[0..1]	±		699

17.3 Constraints

C1 ActiveCurrency

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

- C2

Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).
- C3

CurrencyAmount

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

Note: The decimal separator is a dot.
- C4

OneElementPresenceRule

At least one of these subelements must be present.
- C5

ValidationByTable

Must be a valid terrestrial language.

17.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

17.4.1 Header <Hdr>

Presence: [1..1]
Definition: Currency Conversion request message management information.
Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		638
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		640
	ExchangeIdentification <XchgId>	[1..1]	Quantity		640
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		640
	CreationDateTime <CreDtTm>	[1..1]	DateTime		640
	InitiatingParty <InitgPty>	[1..1]	±		640
	RecipientParty <RcptPty>	[0..1]	±		641
	Traceability <Tracblt>	[0..*]	±		641

17.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]
Definition: Identifies the type of process related to the message.
Datatype: "MessageFunction46Code" on page 2350

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

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

CodeName	Name	Definition
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

17.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

17.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

17.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

17.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

17.4.2 CurrencyConversionRequest <CcyConvsReq>

Presence: [1..1]

Definition: Information related to the currency conversion request.

CurrencyConversionRequest <CcyConvsReq> contains the following
AcceptorCurrencyConversionRequest12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C4	647
	Transaction <Tx>	[0..1]			653
	TransactionCapture <TxCaptr>	[0..1]	Indicator		658
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		658
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		659
	TransactionType <TxTp>	[1..1]	CodeSet		659
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		660
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		661
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		661
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		661
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		662
	TransactionIdentification <TxId>	[1..1]	±		662
	OriginalTransaction <OrgnlTx>	[0..1]			662
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		664
	TransactionIdentification <TxId>	[1..1]	±		664
	POIIdentification <POIID>	[1..1]	±		664
	CurrencyConversion <CcyConvs>	[0..1]			664
	Result <Rslt>	[1..1]	CodeSet		667
	ResultReason <RsltRsn>	[0..1]	Text		667
	ConversionDetails <ConvsDtls>	[0..*]			667
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		669
	TargetCurrency <TrgtCcy>	[1..1]			669
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	669
	NumericCode <NmrcCd>	[1..1]	Text		669
	Decimal <Dcml>	[1..1]	Quantity		669
	Name <Nm>	[0..1]	Text		669
	ResultingAmount <RsltgAmt>	[0..1]	Amount		670
	ExchangeRate <XchgRate>	[1..1]	Rate		670
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		670
	QuotationDate <QtnDt>	[0..1]	DateTime		670

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		670
	ValidUntil <VldUntil>	[0..1]	DateTime		670
	SourceCurrency <SrcCcy>	[1..1]			670
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	671
	NumericCode <NmrcCd>	[0..1]	Text		671
	Decimal <Dcml>	[0..1]	Quantity		671
	Name <Nm>	[0..1]	Text		671
	ApplicableBinRange <AplblBinRg>	[0..*]			671
	LowerBin <LwrBin>	[1..1]	Text		672
	HigherBin <HghrBin>	[1..1]	Text		672
	OriginalAmount <OrgnlAmt>	[0..1]			672
	ActualAmount <ActlAmt>	[0..1]	Amount		672
	MinimumAmount <MinAmt>	[0..1]	Amount		672
	MaximumAmount <MaxAmt>	[0..1]	Amount		672
	CommissionDetails <ComssnDtls>	[0..*]			673
	Amount <Amt>	[1..1]	Amount		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	MarkUpDetails <MrkUpDtls>	[0..*]			673
	Rate <Rate>	[1..1]	Rate		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	DeclarationDetails <Dclrtndtls>	[0..*]	±		673
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		674
	IssuerReferenceData <IssrRefData>	[0..1]	Text		674
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		674
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		674
	TransactionDetails <TxDtls>	[1..1]			675
	Currency <Ccy>	[0..1]	CodeSet	C1	678
	TotalAmount <TtlAmt>	[1..1]	Amount		678
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		678
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		678
	DetailedAmount <DtldAmt>	[0..1]	±		678

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		679
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		679
	InvoiceAmount <InvcAmt>	[0..1]	Amount		679
	ValidityDate <VldtyDt>	[0..1]	Date		679
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		679
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		680
	AccountType <AcctTp>	[0..1]	CodeSet		680
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			681
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		683
	Conversion <Convs>	[0..1]			683
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		685
	TargetCurrency <TrgtCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	685
	NumericCode <NmrcCd>	[1..1]	Text		685
	Decimal <Dcml>	[1..1]	Quantity		685
	Name <Nm>	[0..1]	Text		685
	ResultingAmount <RsltgAmt>	[0..1]	Amount		686
	ExchangeRate <XchgRate>	[1..1]	Rate		686
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		686
	QuotationDate <QtnDt>	[0..1]	DateTime		686
	ValidFrom <VldFr>	[0..1]	DateTime		686
	ValidUntil <VldUntil>	[0..1]	DateTime		686
	SourceCurrency <SrcCcy>	[1..1]			686
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	687
	NumericCode <NmrcCd>	[0..1]	Text		687
	Decimal <Dcml>	[0..1]	Quantity		687
	Name <Nm>	[0..1]	Text		687
	ApplicableBinRange <AplblBinRg>	[0..*]			687
	LowerBin <LwrBin>	[1..1]	Text		688
	HigherBin <HghrBin>	[1..1]	Text		688
	OriginalAmount <OrgnlAmt>	[0..1]			688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		688
	MinimumAmount <MinAmt>	[0..1]	Amount		688
	MaximumAmount <MaxAmt>	[0..1]	Amount		688
	CommissionDetails <ComssnDtls>	[0..*]			689
	Amount <Amt>	[1..1]	Amount		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	MarkUpDetails <MrkUpDtls>	[0..*]			689
	Rate <Rate>	[1..1]	Rate		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	DeclarationDetails <Dclrtndtls>	[0..*]	±		689
	Instalment <Instlmt>	[0..*]	±		690
	Recurring <Rcrng>	[0..1]	±		691
	AggregationTransaction <AggtnTx>	[0..1]	±		692
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		692
	SaleItem <Saleitm>	[0..*]	±		692
	DeliveryLocation <DlvryLctn>	[0..1]	Text		693
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		693
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		693
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		693
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..*]			694
	Identification <Id>	[1..1]	Text		694
	Value <Val>	[0..1]	Binary		694
	ProtectedValue <PrctdVal>	[0..1]	±		694
	Type <Tp>	[0..1]	Text		695
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		695
	AuthorisationResult <AuthstnRslt>	[0..1]			695
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		695
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			696
	Response <Rspn>	[1..1]	CodeSet		696
	ResponseReason <RspnRsn>	[0..1]	Text		696

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		697
	AuthorisationCode <AuthstnCd>	[0..1]	Text		697
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		697
	CustomerOrder <CstmrOrdr>	[0..1]	±		697
	CustomerToken <CstmrTkn>	[0..1]	±		697
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		698
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		698
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		698
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		698
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		699
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		699
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		699

17.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C4 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

17.4.2.2 Transaction <Tx>

Presence: [0..1]

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

Transaction <Tx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		658
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		658
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		659
	TransactionType <TxTp>	[1..1]	CodeSet		659
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		660
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		661
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		661
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		661
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		662
	TransactionIdentification <TxId>	[1..1]	±		662
	OriginalTransaction <OrgnlTx>	[0..1]			662
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		664
	TransactionIdentification <TxId>	[1..1]	±		664
	POIIdentification <POIID>	[1..1]	±		664
	CurrencyConversion <CcyConvs>	[0..1]			664
	Result <Rslt>	[1..1]	CodeSet		667
	ResultReason <RsltRsn>	[0..1]	Text		667
	ConversionDetails <ConvsDtls>	[0..*]			667
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		669
	TargetCurrency <TrgtCcy>	[1..1]			669
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	669
	NumericCode <NmrcCd>	[1..1]	Text		669
	Decimal <Dcml>	[1..1]	Quantity		669
	Name <Nm>	[0..1]	Text		669
	ResultingAmount <RsltAmt>	[0..1]	Amount		670
	ExchangeRate <XchgRate>	[1..1]	Rate		670
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		670
	QuotationDate <QtnDt>	[0..1]	DateTime		670
	ValidFrom <VldFr>	[0..1]	DateTime		670
	ValidUntil <VldUntil>	[0..1]	DateTime		670
	SourceCurrency <SrcCcy>	[1..1]			670

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	671
	NumericCode <NmrcCd>	[0..1]	Text		671
	Decimal <Dcml>	[0..1]	Quantity		671
	Name <Nm>	[0..1]	Text		671
	ApplicableBinRange <AplblBinRg>	[0..*]			671
	LowerBin <LwrBin>	[1..1]	Text		672
	HigherBin <HghrBin>	[1..1]	Text		672
	OriginalAmount <OrgnlAmt>	[0..1]			672
	ActualAmount <ActlAmt>	[0..1]	Amount		672
	MinimumAmount <MinAmt>	[0..1]	Amount		672
	MaximumAmount <MaxAmt>	[0..1]	Amount		672
	CommissionDetails <ComssnDtls>	[0..*]			673
	Amount <Amt>	[1..1]	Amount		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	MarkUpDetails <MrkUpDtls>	[0..*]			673
	Rate <Rate>	[1..1]	Rate		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	DeclarationDetails <DclrtDtls>	[0..*]	±		673
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		674
	IssuerReferenceData <IssrRefData>	[0..1]	Text		674
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		674
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		674
	TransactionDetails <TxDtls>	[1..1]			675
	Currency <Ccy>	[0..1]	CodeSet	C1	678
	TotalAmount <TtlAmt>	[1..1]	Amount		678
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		678
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		678
	DetailedAmount <DtldAmt>	[0..1]	±		678
	RequestedAmount <ReqdAmt>	[0..1]	Amount		679
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		679
	InvoiceAmount <InvcAmt>	[0..1]	Amount		679

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		679
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		679
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		680
	AccountType <AcctTp>	[0..1]	CodeSet		680
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			681
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		683
	Conversion <Convs>	[0..1]			683
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		685
	TargetCurrency <TrgtCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	685
	NumericCode <NmrcCd>	[1..1]	Text		685
	Decimal <Dcml>	[1..1]	Quantity		685
	Name <Nm>	[0..1]	Text		685
	ResultingAmount <RsltAmt>	[0..1]	Amount		686
	ExchangeRate <XchgRate>	[1..1]	Rate		686
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		686
	QuotationDate <QtnDt>	[0..1]	DateTime		686
	ValidFrom <VldFr>	[0..1]	DateTime		686
	ValidUntil <VldUntil>	[0..1]	DateTime		686
	SourceCurrency <SrcCcy>	[1..1]			686
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	687
	NumericCode <NmrcCd>	[0..1]	Text		687
	Decimal <Dcml>	[0..1]	Quantity		687
	Name <Nm>	[0..1]	Text		687
	ApplicableBinRange <AplblBinRg>	[0..*]			687
	LowerBin <LwrBin>	[1..1]	Text		688
	HigherBin <HghrBin>	[1..1]	Text		688
	OriginalAmount <OrgnlAmt>	[0..1]			688
	ActualAmount <ActlAmt>	[0..1]	Amount		688
	MinimumAmount <MinAmt>	[0..1]	Amount		688
	MaximumAmount <MaxAmt>	[0..1]	Amount		688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			689
	Amount <Amt>	[1..1]	Amount		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	MarkUpDetails <MrkUpDtls>	[0..*]			689
	Rate <Rate>	[1..1]	Rate		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	DeclarationDetails <DclrtnDtls>	[0..*]	±		689
	Instalment <Instlmt>	[0..*]	±		690
	Recurring <Rcrng>	[0..1]	±		691
	AggregationTransaction <AggtnTx>	[0..1]	±		692
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		692
	SaleItem <Saleitm>	[0..*]	±		692
	DeliveryLocation <DlvryLctn>	[0..1]	Text		693
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		693
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		693
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		693
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..*]			694
	Identification <Id>	[1..1]	Text		694
	Value <Val>	[0..1]	Binary		694
	ProtectedValue <PrctcdVal>	[0..1]	±		694
	Type <Tp>	[0..1]	Text		695
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		695
	AuthorisationResult <AuthstnRslt>	[0..1]			695
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		695
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			696
	Response <Rspn>	[1..1]	CodeSet		696
	ResponseReason <RspnRsn>	[0..1]	Text		696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		697
	AuthorisationCode <AuthstnCd>	[0..1]	Text		697
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		697

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		697
	CustomerToken <CstmrTkn>	[0..1]	±		697
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		698
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		698
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		698
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		698
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		699
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		699
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		699

17.4.2.2.1 TransactionCapture <TxCaptr>

Presence: [0..1]

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

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

17.4.2.2.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2357

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.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

17.4.2.2.3 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2226 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2227
	ServiceLevel <SvcLvl>	[0..*]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2227
Or}	Proprietary <Prtry>	[1..1]	Text		2227
	LocalInstrument <LclInstrm>	[0..1]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228
	CategoryPurpose <CtgyPurp>	[0..1]			2228
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

17.4.2.2.4 TransactionType <TxTp>

Presence: [1..1]

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

Datatype: "CardPaymentServiceType16Code" on page 2336

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

17.4.2.2.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

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

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

17.4.2.2.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

17.4.2.2.7 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

17.4.2.2.8 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 2385

17.4.2.2.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

17.4.2.2.10 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 2111](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

17.4.2.2.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		664
	TransactionIdentification <TxId>	[1..1]	±		664
	POIdentification <POId>	[1..1]	±		664
	CurrencyConversion <CcyConvs>	[0..1]			664
	Result <Rslt>	[1..1]	CodeSet		667
	ResultReason <RsltRsn>	[0..1]	Text		667
	ConversionDetails <ConvsDtls>	[0..*]			667
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		669
	TargetCurrency <TrgtCcy>	[1..1]			669
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	669
	NumericCode <NmrcCd>	[1..1]	Text		669
	Decimal <Dcml>	[1..1]	Quantity		669
	Name <Nm>	[0..1]	Text		669
	ResultingAmount <RsltAmt>	[0..1]	Amount		670
	ExchangeRate <XchgRate>	[1..1]	Rate		670
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		670
	QuotationDate <QtnDt>	[0..1]	DateTime		670
	ValidFrom <VldFr>	[0..1]	DateTime		670
	ValidUntil <VldUntil>	[0..1]	DateTime		670
	SourceCurrency <SrcCcy>	[1..1]			670
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	671
	NumericCode <NmrcCd>	[0..1]	Text		671
	Decimal <Dcml>	[0..1]	Quantity		671
	Name <Nm>	[0..1]	Text		671
	ApplicableBinRange <AplblBinRg>	[0..*]			671
	LowerBin <LwrBin>	[1..1]	Text		672
	HigherBin <HghrBin>	[1..1]	Text		672
	OriginalAmount <OrgnlAmt>	[0..1]			672
	ActualAmount <ActlAmt>	[0..1]	Amount		672
	MinimumAmount <MinAmt>	[0..1]	Amount		672
	MaximumAmount <MaxAmt>	[0..1]	Amount		672

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			673
	Amount <Amt>	[1..1]	Amount		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	MarkUpDetails <MrkUpDtls>	[0..*]			673
	Rate <Rate>	[1..1]	Rate		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	DeclarationDetails <DclrtnDtls>	[0..*]	±		673

17.4.2.2.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

17.4.2.2.11.2 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

17.4.2.2.11.3 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2019
	Type <Tp>	[0..1]	CodeSet		2019
	Issuer <Issr>	[0..1]	CodeSet		2019
	ShortName <ShrtNm>	[0..1]	Text		2020

17.4.2.2.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		667
	ResultReason <RsltRsn>	[0..1]	Text		667
	ConversionDetails <ConvsDtls>	[0..*]			667
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		669
	TargetCurrency <TrgtCcy>	[1..1]			669
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	669
	NumericCode <NmrcCd>	[1..1]	Text		669
	Decimal <Dcml>	[1..1]	Quantity		669
	Name <Nm>	[0..1]	Text		669
	ResultingAmount <RsltAmt>	[0..1]	Amount		670
	ExchangeRate <XchgRate>	[1..1]	Rate		670
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		670
	QuotationDate <QtnDt>	[0..1]	DateTime		670
	ValidFrom <VldFr>	[0..1]	DateTime		670
	ValidUntil <VldUntil>	[0..1]	DateTime		670
	SourceCurrency <SrcCcy>	[1..1]			670
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	671
	NumericCode <NmrcCd>	[0..1]	Text		671
	Decimal <Dcml>	[0..1]	Quantity		671
	Name <Nm>	[0..1]	Text		671
	ApplicableBinRange <AplblBinRg>	[0..*]			671
	LowerBin <LwrBin>	[1..1]	Text		672
	HigherBin <HghrBin>	[1..1]	Text		672
	OriginalAmount <OrgnlAmt>	[0..1]			672
	ActualAmount <ActlAmt>	[0..1]	Amount		672
	MinimumAmount <MinAmt>	[0..1]	Amount		672
	MaximumAmount <MaxAmt>	[0..1]	Amount		672
	CommissionDetails <ComssnDtls>	[0..*]			673
	Amount <Amt>	[1..1]	Amount		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	MarkupDetails <MrkUpDtls>	[0..*]			673

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	DeclarationDetails <DclrtnDtls>	[0..*]	±		673

17.4.2.2.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2339

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.

17.4.2.2.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2382

17.4.2.2.11.4.3 ConversionDetails <ConvDsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		669
	TargetCurrency <TrgtCcy>	[1..1]			669
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	669
	NumericCode <NmrcCd>	[1..1]	Text		669
	Decimal <Dcml>	[1..1]	Quantity		669
	Name <Nm>	[0..1]	Text		669
	ResultingAmount <RsltAmt>	[0..1]	Amount		670
	ExchangeRate <XchgRate>	[1..1]	Rate		670
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		670
	QuotationDate <QtnDt>	[0..1]	DateTime		670
	ValidFrom <VldFr>	[0..1]	DateTime		670
	ValidUntil <VldUntil>	[0..1]	DateTime		670
	SourceCurrency <SrcCcy>	[1..1]			670
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	671
	NumericCode <NmrcCd>	[0..1]	Text		671
	Decimal <Dcml>	[0..1]	Quantity		671
	Name <Nm>	[0..1]	Text		671
	ApplicableBinRange <AplBlBinRg>	[0..*]			671
	LowerBin <LwrBin>	[1..1]	Text		672
	HigherBin <HghrBin>	[1..1]	Text		672
	OriginalAmount <OrgnlAmt>	[0..1]			672
	ActualAmount <ActlAmt>	[0..1]	Amount		672
	MinimumAmount <MinAmt>	[0..1]	Amount		672
	MaximumAmount <MaxAmt>	[0..1]	Amount		672
	CommissionDetails <ComssnDtls>	[0..*]			673
	Amount <Amt>	[1..1]	Amount		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	MarkUpDetails <MrkUpDtls>	[0..*]			673
	Rate <Rate>	[1..1]	Rate		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673
	DeclarationDetails <DclrtDtls>	[0..*]	±		673

17.4.2.2.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

17.4.2.2.11.4.3.2 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	669
	NumericCode <NmrcCd>	[1..1]	Text		669
	Decimal <Dcml>	[1..1]	Quantity		669
	Name <Nm>	[0..1]	Text		669

17.4.2.2.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

17.4.2.2.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2378

17.4.2.2.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2377

17.4.2.2.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

17.4.2.2.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.11.4.3.4 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 2378

17.4.2.2.11.4.3.5 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 2378

17.4.2.2.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2374

17.4.2.2.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

17.4.2.2.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

17.4.2.2.11.4.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	671
	NumericCode <NmrcCd>	[0..1]	Text		671
	Decimal <Dcml>	[0..1]	Quantity		671
	Name <Nm>	[0..1]	Text		671

17.4.2.2.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

17.4.2.2.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

17.4.2.2.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

17.4.2.2.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

17.4.2.2.11.4.3.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		672
	HigherBin <HghrBin>	[1..1]	Text		672

17.4.2.2.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

17.4.2.2.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

17.4.2.2.11.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		672
	MinimumAmount <MinAmt>	[0..1]	Amount		672
	MaximumAmount <MaxAmt>	[0..1]	Amount		672

17.4.2.2.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.11.4.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673

17.4.2.2.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

17.4.2.2.11.4.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		673
	AdditionalInformation <AddtlInf>	[0..1]	Text		673

17.4.2.2.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

17.4.2.2.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

17.4.2.2.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

17.4.2.2.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2382

17.4.2.2.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2380

17.4.2.2.14 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 2380

17.4.2.2.15 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 2380

17.4.2.2.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	678
	TotalAmount <TtlAmt>	[1..1]	Amount		678
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		678
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		678
	DetailedAmount <DtldAmt>	[0..1]	±		678
	RequestedAmount <ReqdAmt>	[0..1]	Amount		679
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		679
	InvoiceAmount <InvcAmt>	[0..1]	Amount		679
	ValidityDate <VldtyDt>	[0..1]	Date		679
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		679
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		680
	AccountType <AcctTp>	[0..1]	CodeSet		680
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			681
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		683
	Conversion <Convs>	[0..1]			683
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		685
	TargetCurrency <TrgtCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	685
	NumericCode <NmrcCd>	[1..1]	Text		685
	Decimal <Dcml>	[1..1]	Quantity		685
	Name <Nm>	[0..1]	Text		685
	ResultingAmount <RsltgAmt>	[0..1]	Amount		686
	ExchangeRate <XchgRate>	[1..1]	Rate		686
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		686
	QuotationDate <QtnDt>	[0..1]	DateTime		686
	ValidFrom <VldFr>	[0..1]	DateTime		686
	ValidUntil <VldUntil>	[0..1]	DateTime		686
	SourceCurrency <SrcCcy>	[1..1]			686
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	687
	NumericCode <NmrcCd>	[0..1]	Text		687
	Decimal <Dcml>	[0..1]	Quantity		687

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		687
	ApplicableBinRange <AplblBinRg>	[0..*]			687
	LowerBin <LwrBin>	[1..1]	Text		688
	HigherBin <HghrBin>	[1..1]	Text		688
	OriginalAmount <OrgnlAmt>	[0..1]			688
	ActualAmount <ActlAmt>	[0..1]	Amount		688
	MinimumAmount <MinAmt>	[0..1]	Amount		688
	MaximumAmount <MaxAmt>	[0..1]	Amount		688
	CommissionDetails <ComssnDtls>	[0..*]			689
	Amount <Amt>	[1..1]	Amount		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	MarkUpDetails <MrkUpDtls>	[0..*]			689
	Rate <Rate>	[1..1]	Rate		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	DeclarationDetails <Dclrtndtls>	[0..*]	±		689
	Instalment <Instlmt>	[0..*]	±		690
	Recurring <Rcrng>	[0..1]	±		691
	AggregationTransaction <AggtTx>	[0..1]	±		692
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		692
	SaleItem <Saleitm>	[0..*]	±		692
	DeliveryLocation <DivryLctn>	[0..1]	Text		693
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		693
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		693
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		693
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		694
	AdditionalInformation <AddtlInf>	[0..*]			694
	Identification <Id>	[1..1]	Text		694
	Value <Val>	[0..1]	Binary		694
	ProtectedValue <PrctcdVal>	[0..1]	±		694
	Type <Tp>	[0..1]	Text		695
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		695

17.4.2.2.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

17.4.2.2.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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.

17.4.2.2.16.5 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

17.4.2.2.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

17.4.2.2.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

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

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

17.4.2.2.16.11 UnattendedLevelCategory <UatnddLvlCtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2382

17.4.2.2.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

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

17.4.2.2.16.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		683
	Conversion <Convs>	[0..1]			683
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		685
	TargetCurrency <TrgtCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	685
	NumericCode <NmrcCd>	[1..1]	Text		685
	Decimal <Dcml>	[1..1]	Quantity		685
	Name <Nm>	[0..1]	Text		685
	ResultingAmount <RsltgAmt>	[0..1]	Amount		686
	ExchangeRate <XchgRate>	[1..1]	Rate		686
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		686
	QuotationDate <QtnDt>	[0..1]	DateTime		686
	ValidFrom <VldFr>	[0..1]	DateTime		686
	ValidUntil <VldUntil>	[0..1]	DateTime		686
	SourceCurrency <SrcCcy>	[1..1]			686
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	687
	NumericCode <NmrcCd>	[0..1]	Text		687
	Decimal <Dcml>	[0..1]	Quantity		687
	Name <Nm>	[0..1]	Text		687
	ApplicableBinRange <AplblBinRg>	[0..*]			687
	LowerBin <LwrBin>	[1..1]	Text		688
	HigherBin <HghrBin>	[1..1]	Text		688
	OriginalAmount <OrgnlAmt>	[0..1]			688
	ActualAmount <ActlAmt>	[0..1]	Amount		688
	MinimumAmount <MinAmt>	[0..1]	Amount		688
	MaximumAmount <MaxAmt>	[0..1]	Amount		688
	CommissionDetails <ComssnDtls>	[0..*]			689
	Amount <Amt>	[1..1]	Amount		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	MarkUpDetails <MrkUpDtls>	[0..*]			689

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	DeclarationDetails <DclrtnDtls>	[0..*]	±		689

17.4.2.2.16.13.1 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 2376):

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

17.4.2.2.16.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		685
	TargetCurrency <TrgtCcy>	[1..1]			685
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	685
	NumericCode <NmrcCd>	[1..1]	Text		685
	Decimal <Dcml>	[1..1]	Quantity		685
	Name <Nm>	[0..1]	Text		685
	ResultingAmount <RsltAmt>	[0..1]	Amount		686
	ExchangeRate <XchgRate>	[1..1]	Rate		686
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		686
	QuotationDate <QtnDt>	[0..1]	DateTime		686
	ValidFrom <VldFr>	[0..1]	DateTime		686
	ValidUntil <VldUntil>	[0..1]	DateTime		686
	SourceCurrency <SrcCcy>	[1..1]			686
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	687
	NumericCode <NmrcCd>	[0..1]	Text		687
	Decimal <Dcml>	[0..1]	Quantity		687
	Name <Nm>	[0..1]	Text		687
	ApplicableBinRange <AplblBinRg>	[0..*]			687
	LowerBin <LwrBin>	[1..1]	Text		688
	HigherBin <HghrBin>	[1..1]	Text		688
	OriginalAmount <OrgnlAmt>	[0..1]			688
	ActualAmount <ActlAmt>	[0..1]	Amount		688
	MinimumAmount <MinAmt>	[0..1]	Amount		688
	MaximumAmount <MaxAmt>	[0..1]	Amount		688
	CommissionDetails <ComssnDtls>	[0..*]			689
	Amount <Amt>	[1..1]	Amount		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	MarkUpDetails <MrkUpDtls>	[0..*]			689
	Rate <Rate>	[1..1]	Rate		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689
	DeclarationDetails <DclrtDtls>	[0..*]	±		689

17.4.2.2.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

17.4.2.2.16.13.2.2 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	685
	NumericCode <NmrcCd>	[1..1]	Text		685
	Decimal <Dcml>	[1..1]	Quantity		685
	Name <Nm>	[0..1]	Text		685

17.4.2.2.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

17.4.2.2.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2378

17.4.2.2.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2377

17.4.2.2.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

17.4.2.2.16.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.13.2.4 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 2378

17.4.2.2.16.13.2.5 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 2378

17.4.2.2.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2374

17.4.2.2.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

17.4.2.2.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

17.4.2.2.16.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	687
	NumericCode <NmrcCd>	[0..1]	Text		687
	Decimal <Dcml>	[0..1]	Quantity		687
	Name <Nm>	[0..1]	Text		687

17.4.2.2.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

17.4.2.2.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

17.4.2.2.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

17.4.2.2.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

17.4.2.2.16.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		688
	HigherBin <HghrBin>	[1..1]	Text		688

17.4.2.2.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

17.4.2.2.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

17.4.2.2.16.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		688
	MinimumAmount <MinAmt>	[0..1]	Amount		688
	MaximumAmount <MaxAmt>	[0..1]	Amount		688

17.4.2.2.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689

17.4.2.2.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

17.4.2.2.16.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		689
	AdditionalInformation <AddtlInf>	[0..1]	Text		689

17.4.2.2.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

17.4.2.2.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

17.4.2.2.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

17.4.2.2.16.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

17.4.2.2.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

17.4.2.2.16.16 AggregationTransaction <Aggtntx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <Aggtntx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Lab>	[0..1]	Text		2088

17.4.2.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

17.4.2.2.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

17.4.2.2.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

17.4.2.2.16.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

17.4.2.2.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

17.4.2.2.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

17.4.2.2.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

17.4.2.2.16.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		694
	Value <Val>	[0..1]	Binary		694
	ProtectedValue <PrtctdVal>	[0..1]	±		694
	Type <Tp>	[0..1]	Text		695

17.4.2.2.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

17.4.2.2.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

17.4.2.2.16.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

17.4.2.2.16.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2379

17.4.2.2.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

17.4.2.2.17 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]	±		695
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			696
	Response <Rspn>	[1..1]	CodeSet		696
	ResponseReason <RspnRsn>	[0..1]	Text		696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		697
	AuthorisationCode <AuthstnCd>	[0..1]	Text		697

17.4.2.2.17.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

17.4.2.2.17.2 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		696
	ResponseReason <RspnRsn>	[0..1]	Text		696
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		697

17.4.2.2.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2363

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).

17.4.2.2.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2382

17.4.2.2.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

17.4.2.2.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

17.4.2.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2384

17.4.2.2.19 CustomerOrder <CstmrOrd>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrd> contains the following elements (see "[CustomerOrder1](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

17.4.2.2.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2308
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2309
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2309
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2309
	TokenRequestor <TknRqstr>	[0..1]			2309
	ProviderIdentification <PrvdrId>	[1..1]	Text		2309
	RequestorIdentification <RqstrId>	[1..1]	Text		2309
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2309
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2310
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2310
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2310

17.4.2.2.21 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

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

17.4.2.2.22 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "[Max35Text](#)" on page 2382

17.4.2.2.23 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

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

Datatype: "[Max35Text](#)" on page 2382

17.4.2.2.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2384

17.4.2.2.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2384

17.4.2.2.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2384

17.4.2.2.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

17.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

18 caaa.017.001.12 AcceptorCurrencyConversionResponseV12

18.1 MessageDefinition Functionality

The AcceptorCurrencyConversionResponse message is sent by currency conversion service provider to the card acceptor to return the result of a potential currency conversion for the cardholder.

Outline

The AcceptorCurrencyConversionResponseV12 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Currency conversion response message management information.
- B. CurrencyConversionResponse
Information related to the outcome of the currency conversion.
- C. SecurityTrailer
Trailer of the message containing a MAC (message authentication code).

18.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsRspn>	[1..1]			
	Header <Hdr>	[1..1]			705
	MessageFunction <MsgFctn>	[1..1]	CodeSet		705
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		707
	ExchangeIdentification <XchgId>	[1..1]	Quantity		707
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		707
	CreationDateTime <CreDtTm>	[1..1]	DateTime		707
	InitiatingParty <InitgPty>	[1..1]	±		707
	RecipientParty <RcptPty>	[0..1]	±		708
	Traceability <Tracblt>	[0..*]	±		708
	CurrencyConversionResponse <CcyConvsRspn>	[1..1]			709
	Environment <Envt>	[1..1]	±	C4	713
	Transaction <Tx>	[1..1]			719
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		722
	TransactionIdentification <TxId>	[1..1]	±		722
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		722
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		722
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		722
	InterchangeData <IntrchgData>	[0..1]	Text		723
	TransactionDetails <TxDtls>	[1..1]			723
	Currency <Ccy>	[0..1]	CodeSet	C1	726
	TotalAmount <TtlAmt>	[1..1]	Amount		726
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		726
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		726
	DetailedAmount <DtldAmt>	[0..1]	±		726
	RequestedAmount <ReqdAmt>	[0..1]	Amount		727
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		727
	InvoiceAmount <InvcAmt>	[0..1]	Amount		727
	ValidityDate <VldtyDt>	[0..1]	Date		727
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		727

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		728
	AccountType <AcctTp>	[0..1]	CodeSet		728
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			729
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		731
	Conversion <Convs>	[0..1]			731
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		733
	TargetCurrency <TrgtCcy>	[1..1]			733
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	733
	NumericCode <NmrcCd>	[1..1]	Text		733
	Decimal <Dcml>	[1..1]	Quantity		733
	Name <Nm>	[0..1]	Text		733
	ResultingAmount <RsltAmt>	[0..1]	Amount		734
	ExchangeRate <XchgRate>	[1..1]	Rate		734
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		734
	QuotationDate <QtnDt>	[0..1]	DateTime		734
	ValidFrom <VldFr>	[0..1]	DateTime		734
	ValidUntil <VldUntil>	[0..1]	DateTime		734
	SourceCurrency <SrcCcy>	[1..1]			734
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	735
	NumericCode <NmrcCd>	[0..1]	Text		735
	Decimal <Dcml>	[0..1]	Quantity		735
	Name <Nm>	[0..1]	Text		735
	ApplicableBinRange <AplblBinRg>	[0..*]			735
	LowerBin <LwrBin>	[1..1]	Text		736
	HigherBin <HghrBin>	[1..1]	Text		736
	OriginalAmount <OrgnlAmt>	[0..1]			736
	ActualAmount <ActlAmt>	[0..1]	Amount		736
	MinimumAmount <MinAmt>	[0..1]	Amount		736
	MaximumAmount <MaxAmt>	[0..1]	Amount		736
	CommissionDetails <ComssnDtls>	[0..*]			737
	Amount <Amt>	[1..1]	Amount		737

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	MarkUpDetails <MrkUpDtls>	[0..*]			737
	Rate <Rate>	[1..1]	Rate		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	DeclarationDetails <Dclrtndtls>	[0..*]	±		737
	Instalment <Instlmt>	[0..*]	±		738
	Recurring <Rcrng>	[0..1]	±		739
	AggregationTransaction <AggtnTx>	[0..1]	±		740
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		740
	SaleItem <Saleitm>	[0..*]	±		740
	DeliveryLocation <DivryLctn>	[0..1]	Text		741
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		741
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		741
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		741
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		742
	AdditionalInformation <AddtlInf>	[0..*]			742
	Identification <Id>	[1..1]	Text		742
	Value <Val>	[0..1]	Binary		742
	ProtectedValue <PrctcdVal>	[0..1]	±		742
	Type <Tp>	[0..1]	Text		743
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		743
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		743
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			743
	Result <Rslt>	[1..1]	CodeSet		745
	ResultReason <RsltRsn>	[0..1]	Text		745
	ConversionDetails <ConvsDtls>	[0..*]			745
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		747
	TargetCurrency <TrgtCcy>	[1..1]			747
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	747
	NumericCode <NmrcCd>	[1..1]	Text		747
	Decimal <Dcml>	[1..1]	Quantity		747

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		747
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		748
	ExchangeRate <XchgRate>	[1..1]	Rate		748
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		748
	QuotationDate <QtnDt>	[0..1]	DateTime		748
	ValidFrom <VldFr>	[0..1]	DateTime		748
	ValidUntil <VldUntil>	[0..1]	DateTime		748
	SourceCurrency <SrcCcy>	[1..1]			748
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	749
	NumericCode <NmrcCd>	[0..1]	Text		749
	Decimal <Dcml>	[0..1]	Quantity		749
	Name <Nm>	[0..1]	Text		749
	ApplicableBinRange <AplblBinRg>	[0..*]			749
	LowerBin <LwrBin>	[1..1]	Text		750
	HigherBin <HghrBin>	[1..1]	Text		750
	OriginalAmount <OrgnlAmt>	[0..1]			750
	ActualAmount <ActlAmt>	[0..1]	Amount		750
	MinimumAmount <MinAmt>	[0..1]	Amount		750
	MaximumAmount <MaxAmt>	[0..1]	Amount		750
	CommissionDetails <ComssnDtls>	[0..*]			751
	Amount <Amt>	[1..1]	Amount		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751
	MarkUpDetails <MrkUpDtls>	[0..*]			751
	Rate <Rate>	[1..1]	Rate		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751
	DeclarationDetails <DclrtDtls>	[0..*]	±		751
	SecurityTrailer <SctyTrlr>	[0..1]	±		752

18.3 Constraints

C1 ActiveCurrency

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

the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 Country

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

C3 CurrencyAmount

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

Note: The decimal separator is a dot.

C4 OneElementPresenceRule

At least one of these subelements mut be present.

C5 ValidationByTable

Must be a valid terrestrial language.

18.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

18.4.1 Header <Hdr>

Presence: [1..1]

Definition: Currency conversion response message management information.

Header <Hdr> contains the following Header70 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		705
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		707
	ExchangeIdentification <XchgId>	[1..1]	Quantity		707
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		707
	CreationDateTime <CreDtTm>	[1..1]	DateTime		707
	InitiatingParty <InitgPty>	[1..1]	±		707
	RecipientParty <RcptPty>	[0..1]	±		708
	Traceability <Tracblt>	[0..*]	±		708

18.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

18.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

18.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

18.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

18.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

18.4.2 CurrencyConversionResponse <CcyConvsRspn>

Presence: [1..1]

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

CurrencyConversionResponse <CcyConvsRspn> contains the following
AcceptorCurrencyConversionResponse12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C4	713
	Transaction <Tx>	[1..1]			719
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		722
	TransactionIdentification <TxId>	[1..1]	±		722
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		722
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		722
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		722
	InterchangeData <IntrchnngData>	[0..1]	Text		723
	TransactionDetails <TxDtls>	[1..1]			723
	Currency <Ccy>	[0..1]	CodeSet	C1	726
	TotalAmount <TtlAmt>	[1..1]	Amount		726
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		726
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		726
	DetailedAmount <DtldAmt>	[0..1]	±		726
	RequestedAmount <ReqdAmt>	[0..1]	Amount		727
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		727
	InvoiceAmount <InvcAmt>	[0..1]	Amount		727
	ValidityDate <VldtyDt>	[0..1]	Date		727
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		727
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		728
	AccountType <AcctTp>	[0..1]	CodeSet		728
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			729
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		731
	Conversion <Convs>	[0..1]			731
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		733
	TargetCurrency <TrgtCcy>	[1..1]			733
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	733
	NumericCode <NmrcCd>	[1..1]	Text		733
	Decimal <Dcml>	[1..1]	Quantity		733
	Name <Nm>	[0..1]	Text		733

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		734
	ExchangeRate <XchgRate>	[1..1]	Rate		734
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		734
	QuotationDate <QtnDt>	[0..1]	DateTime		734
	ValidFrom <VldFr>	[0..1]	DateTime		734
	ValidUntil <VldUntil>	[0..1]	DateTime		734
	SourceCurrency <SrcCcy>	[1..1]			734
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	735
	NumericCode <NmrcCd>	[0..1]	Text		735
	Decimal <Dcml>	[0..1]	Quantity		735
	Name <Nm>	[0..1]	Text		735
	ApplicableBinRange <AplblBinRg>	[0..*]			735
	LowerBin <LwrBin>	[1..1]	Text		736
	HigherBin <HghrBin>	[1..1]	Text		736
	OriginalAmount <OrgnlAmt>	[0..1]			736
	ActualAmount <ActlAmt>	[0..1]	Amount		736
	MinimumAmount <MinAmt>	[0..1]	Amount		736
	MaximumAmount <MaxAmt>	[0..1]	Amount		736
	CommissionDetails <ComssnDtls>	[0..*]			737
	Amount <Amt>	[1..1]	Amount		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	MarkUpDetails <MrkUpDtls>	[0..*]			737
	Rate <Rate>	[1..1]	Rate		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	DeclarationDetails <Dclrtndtls>	[0..*]	±		737
	Instalment <Instlmt>	[0..*]	±		738
	Recurring <Rcrng>	[0..1]	±		739
	AggregationTransaction <AggtnTx>	[0..1]	±		740
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		740
	SaleItem <Saleitm>	[0..*]	±		740
	DeliveryLocation <DlvryLctn>	[0..1]	Text		741

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		741
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		741
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		741
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		742
	AdditionalInformation <AddtlInf>	[0..*]			742
	Identification <Id>	[1..1]	Text		742
	Value <Val>	[0..1]	Binary		742
	ProtectedValue <PrctcdVal>	[0..1]	±		742
	Type <Tp>	[0..1]	Text		743
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		743
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		743
	CurrencyConversionResult <CcyConvsRslt>	[1..1]			743
	Result <Rslt>	[1..1]	CodeSet		745
	ResultReason <RsltRsn>	[0..1]	Text		745
	ConversionDetails <ConvsDtls>	[0..*]			745
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		747
	TargetCurrency <TrgtCcy>	[1..1]			747
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	747
	NumericCode <NmrcCd>	[1..1]	Text		747
	Decimal <Dcml>	[1..1]	Quantity		747
	Name <Nm>	[0..1]	Text		747
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		748
	ExchangeRate <XchgRate>	[1..1]	Rate		748
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		748
	QuotationDate <QtnDt>	[0..1]	DateTime		748
	ValidFrom <VldFr>	[0..1]	DateTime		748
	ValidUntil <VldUntil>	[0..1]	DateTime		748
	SourceCurrency <SrcCcy>	[1..1]			748
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	749
	NumericCode <NmrcCd>	[0..1]	Text		749
	Decimal <Dcml>	[0..1]	Quantity		749

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		749
	ApplicableBinRange <ApblBinRg>	[0..*]			749
	LowerBin <LwrBin>	[1..1]	Text		750
	HigherBin <HghrBin>	[1..1]	Text		750
	OriginalAmount <OrgnlAmt>	[0..1]			750
	ActualAmount <ActlAmt>	[0..1]	Amount		750
	MinimumAmount <MinAmt>	[0..1]	Amount		750
	MaximumAmount <MaxAmt>	[0..1]	Amount		750
	CommissionDetails <ComssnDtls>	[0..*]			751
	Amount <Amt>	[1..1]	Amount		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751
	MarkUpDetails <MrkUpDtls>	[0..*]			751
	Rate <Rate>	[1..1]	Rate		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751
	DeclarationDetails <DclrtnDtls>	[0..*]	±		751

18.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C4 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

18.4.2.2 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		722
	TransactionIdentification <TxId>	[1..1]	±		722
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		722
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		722
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		722
	InterchangeData <IntrchgData>	[0..1]	Text		723
	TransactionDetails <TxDtls>	[1..1]			723
	Currency <Ccy>	[0..1]	CodeSet	C1	726
	TotalAmount <TtlAmt>	[1..1]	Amount		726
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		726
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		726
	DetailedAmount <DtldAmt>	[0..1]	±		726
	RequestedAmount <ReqdAmt>	[0..1]	Amount		727
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		727
	InvoiceAmount <InvcAmt>	[0..1]	Amount		727
	ValidityDate <VldtyDt>	[0..1]	Date		727
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		727
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		728
	AccountType <AcctTp>	[0..1]	CodeSet		728
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			729
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		731
	Conversion <Convs>	[0..1]			731
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		733
	TargetCurrency <TrgtCcy>	[1..1]			733
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	733
	NumericCode <NmrcCd>	[1..1]	Text		733
	Decimal <Dcml>	[1..1]	Quantity		733
	Name <Nm>	[0..1]	Text		733
	ResultingAmount <RsltgAmt>	[0..1]	Amount		734
	ExchangeRate <XchgRate>	[1..1]	Rate		734
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		734

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		734
	ValidFrom <VldFr>	[0..1]	DateTime		734
	ValidUntil <VldUntil>	[0..1]	DateTime		734
	SourceCurrency <SrcCcy>	[1..1]			734
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	735
	NumericCode <NmrcCd>	[0..1]	Text		735
	Decimal <Dcml>	[0..1]	Quantity		735
	Name <Nm>	[0..1]	Text		735
	ApplicableBinRange <AplblBinRg>	[0..*]			735
	LowerBin <LwrBin>	[1..1]	Text		736
	HigherBin <HghrBin>	[1..1]	Text		736
	OriginalAmount <OrgnlAmt>	[0..1]			736
	ActualAmount <ActlAmt>	[0..1]	Amount		736
	MinimumAmount <MinAmt>	[0..1]	Amount		736
	MaximumAmount <MaxAmt>	[0..1]	Amount		736
	CommissionDetails <ComssnDtls>	[0..*]			737
	Amount <Amt>	[1..1]	Amount		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	MarkUpDetails <MrkUpDtls>	[0..*]			737
	Rate <Rate>	[1..1]	Rate		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	DeclarationDetails <DclrtDtls>	[0..*]	±		737
	Instalment <Instlmt>	[0..*]	±		738
	Recurring <Rcrng>	[0..1]	±		739
	AggregationTransaction <AggtnTx>	[0..1]	±		740
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		740
	SaleItem <SaleItm>	[0..*]	±		740
	DeliveryLocation <DlvryLctn>	[0..1]	Text		741
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		741
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		741
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		741

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		742
	AdditionalInformation <AddtlInf>	[0..*]			742
	Identification <Id>	[1..1]	Text		742
	Value <Val>	[0..1]	Binary		742
	ProtectedValue <PrctcdVal>	[0..1]	±		742
	Type <Tp>	[0..1]	Text		743
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		743
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		743

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 2382

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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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 2380

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 2382

18.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

18.4.2.2.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	726
	TotalAmount <TtlAmt>	[1..1]	Amount		726
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		726
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		726
	DetailedAmount <DtldAmt>	[0..1]	±		726
	RequestedAmount <ReqdAmt>	[0..1]	Amount		727
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		727
	InvoiceAmount <InvcAmt>	[0..1]	Amount		727
	ValidityDate <VldtyDt>	[0..1]	Date		727
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		727
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		728
	AccountType <AcctTp>	[0..1]	CodeSet		728
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			729
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		731
	Conversion <Convs>	[0..1]			731
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		733
	TargetCurrency <TrgtCcy>	[1..1]			733
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	733
	NumericCode <NmrcCd>	[1..1]	Text		733
	Decimal <Dcml>	[1..1]	Quantity		733
	Name <Nm>	[0..1]	Text		733
	ResultingAmount <RsltgAmt>	[0..1]	Amount		734
	ExchangeRate <XchgRate>	[1..1]	Rate		734
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		734
	QuotationDate <QtnDt>	[0..1]	DateTime		734
	ValidFrom <VldFr>	[0..1]	DateTime		734
	ValidUntil <VldUntil>	[0..1]	DateTime		734
	SourceCurrency <SrcCcy>	[1..1]			734
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	735
	NumericCode <NmrcCd>	[0..1]	Text		735
	Decimal <Dcml>	[0..1]	Quantity		735

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		735
	ApplicableBinRange <AplblBinRg>	[0..*]			735
	LowerBin <LwrBin>	[1..1]	Text		736
	HigherBin <HghrBin>	[1..1]	Text		736
	OriginalAmount <OrgnlAmt>	[0..1]			736
	ActualAmount <ActlAmt>	[0..1]	Amount		736
	MinimumAmount <MinAmt>	[0..1]	Amount		736
	MaximumAmount <MaxAmt>	[0..1]	Amount		736
	CommissionDetails <ComssnDtls>	[0..*]			737
	Amount <Amt>	[1..1]	Amount		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	MarkUpDetails <MrkUpDtls>	[0..*]			737
	Rate <Rate>	[1..1]	Rate		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	DeclarationDetails <Dclrtndtls>	[0..*]	±		737
	Instalment <Instlmt>	[0..*]	±		738
	Recurring <Rcrng>	[0..1]	±		739
	AggregationTransaction <AggtTx>	[0..1]	±		740
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		740
	SaleItem <Saleitm>	[0..*]	±		740
	DeliveryLocation <DivryLctn>	[0..1]	Text		741
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		741
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		741
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		741
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		742
	AdditionalInformation <AddtlInf>	[0..*]			742
	Identification <Id>	[1..1]	Text		742
	Value <Val>	[0..1]	Binary		742
	ProtectedValue <PrctcdVal>	[0..1]	±		742
	Type <Tp>	[0..1]	Text		743
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		743

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2313

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 2313

18.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

18.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2313

18.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

18.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

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

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

18.4.2.2.7.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2382

18.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

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

18.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		731
	Conversion <Convs>	[0..1]			731
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		733
	TargetCurrency <TrgtCcy>	[1..1]			733
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	733
	NumericCode <NmrcCd>	[1..1]	Text		733
	Decimal <Dcml>	[1..1]	Quantity		733
	Name <Nm>	[0..1]	Text		733
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		734
	ExchangeRate <XchgRate>	[1..1]	Rate		734
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		734
	QuotationDate <QtnDt>	[0..1]	DateTime		734
	ValidFrom <VldFr>	[0..1]	DateTime		734
	ValidUntil <VldUntil>	[0..1]	DateTime		734
	SourceCurrency <SrcCcy>	[1..1]			734
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	735
	NumericCode <NmrcCd>	[0..1]	Text		735
	Decimal <Dcml>	[0..1]	Quantity		735
	Name <Nm>	[0..1]	Text		735
	ApplicableBinRange <AplblBinRg>	[0..*]			735
	LowerBin <LwrBin>	[1..1]	Text		736
	HigherBin <HghrBin>	[1..1]	Text		736
	OriginalAmount <OrgnlAmt>	[0..1]			736
	ActualAmount <ActlAmt>	[0..1]	Amount		736
	MinimumAmount <MinAmt>	[0..1]	Amount		736
	MaximumAmount <MaxAmt>	[0..1]	Amount		736
	CommissionDetails <ComssnDtls>	[0..*]			737
	Amount <Amt>	[1..1]	Amount		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	MarkUpDetails <MrkUpDtls>	[0..*]			737

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	DeclarationDetails <DclrtnDtls>	[0..*]	±		737

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 2376](#)):

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

18.4.2.2.7.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		733
	TargetCurrency <TrgtCcy>	[1..1]			733
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	733
	NumericCode <NmrcCd>	[1..1]	Text		733
	Decimal <Dcml>	[1..1]	Quantity		733
	Name <Nm>	[0..1]	Text		733
	ResultingAmount <RsltAmt>	[0..1]	Amount		734
	ExchangeRate <XchgRate>	[1..1]	Rate		734
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		734
	QuotationDate <QtnDt>	[0..1]	DateTime		734
	ValidFrom <VldFr>	[0..1]	DateTime		734
	ValidUntil <VldUntil>	[0..1]	DateTime		734
	SourceCurrency <SrcCcy>	[1..1]			734
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	735
	NumericCode <NmrcCd>	[0..1]	Text		735
	Decimal <Dcml>	[0..1]	Quantity		735
	Name <Nm>	[0..1]	Text		735
	ApplicableBinRange <AplblBinRg>	[0..*]			735
	LowerBin <LwrBin>	[1..1]	Text		736
	HigherBin <HghrBin>	[1..1]	Text		736
	OriginalAmount <OrgnlAmt>	[0..1]			736
	ActualAmount <ActlAmt>	[0..1]	Amount		736
	MinimumAmount <MinAmt>	[0..1]	Amount		736
	MaximumAmount <MaxAmt>	[0..1]	Amount		736
	CommissionDetails <ComssnDtls>	[0..*]			737
	Amount <Amt>	[1..1]	Amount		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	MarkUpDetails <MrkUpDtls>	[0..*]			737
	Rate <Rate>	[1..1]	Rate		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737
	DeclarationDetails <DclrtDtls>	[0..*]	±		737

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 2382

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	733
	NumericCode <NmrcCd>	[1..1]	Text		733
	Decimal <Dcml>	[1..1]	Quantity		733
	Name <Nm>	[0..1]	Text		733

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 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 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 2378

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 2377

18.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

18.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

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 2378

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 2378

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 2374

18.4.2.2.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

18.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

18.4.2.2.7.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	735
	NumericCode <NmrcCd>	[0..1]	Text		735
	Decimal <Dcml>	[0..1]	Quantity		735
	Name <Nm>	[0..1]	Text		735

18.4.2.2.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

18.4.2.2.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

18.4.2.2.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

18.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

18.4.2.2.7.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		736
	HigherBin <HghrBin>	[1..1]	Text		736

18.4.2.2.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

18.4.2.2.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

18.4.2.2.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		736
	MinimumAmount <MinAmt>	[0..1]	Amount		736
	MaximumAmount <MaxAmt>	[0..1]	Amount		736

18.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.2.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.2.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.2.7.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737

18.4.2.2.7.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.2.7.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

18.4.2.2.7.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		737
	AdditionalInformation <AddtlInf>	[0..1]	Text		737

18.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

18.4.2.2.7.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

18.4.2.2.7.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

18.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

18.4.2.2.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

18.4.2.2.7.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Lab>	[0..1]	Text		2088

18.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

18.4.2.2.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

18.4.2.2.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

18.4.2.2.7.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

18.4.2.2.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

18.4.2.2.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

18.4.2.2.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.2.7.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		742
	Value <Val>	[0..1]	Binary		742
	ProtectedValue <PrtctdVal>	[0..1]	±		742
	Type <Tp>	[0..1]	Text		743

18.4.2.2.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

18.4.2.2.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

18.4.2.2.7.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

18.4.2.2.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2379

18.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

18.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 2384

18.4.2.3 CurrencyConversionResult <CcyConvRsIt>

Presence: [1..1]

Definition: Details of the currency conversion.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <RsIt>	[1..1]	CodeSet		745
	ResultReason <RsItRsn>	[0..1]	Text		745
	ConversionDetails <ConvDsDtls>	[0..*]			745
	CurrencyConversionIdentification <CcyConvSId>	[0..1]	Text		747
	TargetCurrency <TrgtCcy>	[1..1]			747
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	747
	NumericCode <NmrcCd>	[1..1]	Text		747
	Decimal <Dcml>	[1..1]	Quantity		747
	Name <Nm>	[0..1]	Text		747
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		748
	ExchangeRate <XchgRate>	[1..1]	Rate		748
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		748
	QuotationDate <QtnDt>	[0..1]	DateTime		748
	ValidFrom <VldFr>	[0..1]	DateTime		748
	ValidUntil <VldUntil>	[0..1]	DateTime		748
	SourceCurrency <SrcCcy>	[1..1]			748
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	749
	NumericCode <NmrcCd>	[0..1]	Text		749
	Decimal <Dcml>	[0..1]	Quantity		749
	Name <Nm>	[0..1]	Text		749
	ApplicableBinRange <AplblBinRg>	[0..*]			749
	LowerBin <LwrBin>	[1..1]	Text		750
	HigherBin <HghrBin>	[1..1]	Text		750
	OriginalAmount <OrgnlAmt>	[0..1]			750
	ActualAmount <ActlAmt>	[0..1]	Amount		750
	MinimumAmount <MinAmt>	[0..1]	Amount		750
	MaximumAmount <MaxAmt>	[0..1]	Amount		750
	CommissionDetails <ComssnDtls>	[0..*]			751
	Amount <Amt>	[1..1]	Amount		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751

Or	MessageElement <XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			751
	Rate <Rate>	[1..1]	Rate		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751
	DeclarationDetails <DclrtnDtls>	[0..*]	±		751

18.4.2.3.1 Result <RsIt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2339

CodeName	Name	Definition
ODCC	Allowed	Dynamic currency conversion may be offered to the cardholder.
DCCA	Assumed	Transaction authorised with dynamic currency conversion.
ICRD	InvalidCard	The card is not valid for dynamic currency conversion.
IMER	InvalidMerchant	The card acceptor has not been recognised.
IPRD	InvalidProduct	Dynamic currency conversion service cannot be offered for this card product.
IRAT	NoRate	Exchange rates are not available.
NDCC	NotAvailable	Dynamic currency conversion is not available for other reason.
REST	Restriction	Conversion accepted for the requested amount exclusively.
CATG	Catalogue	Conversion accepted for a range of amounts.

18.4.2.3.2 ResultReason <RsItRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2382

18.4.2.3.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		747
	TargetCurrency <TrgtCcy>	[1..1]			747
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	747
	NumericCode <NmrcCd>	[1..1]	Text		747
	Decimal <Dcml>	[1..1]	Quantity		747
	Name <Nm>	[0..1]	Text		747
	ResultingAmount <RsltAmt>	[0..1]	Amount		748
	ExchangeRate <XchgRate>	[1..1]	Rate		748
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		748
	QuotationDate <QtnDt>	[0..1]	DateTime		748
	ValidFrom <VldFr>	[0..1]	DateTime		748
	ValidUntil <VldUntil>	[0..1]	DateTime		748
	SourceCurrency <SrcCcy>	[1..1]			748
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	749
	NumericCode <NmrcCd>	[0..1]	Text		749
	Decimal <Dcml>	[0..1]	Quantity		749
	Name <Nm>	[0..1]	Text		749
	ApplicableBinRange <AplblBinRg>	[0..*]			749
	LowerBin <LwrBin>	[1..1]	Text		750
	HigherBin <HghrBin>	[1..1]	Text		750
	OriginalAmount <OrgnlAmt>	[0..1]			750
	ActualAmount <ActlAmt>	[0..1]	Amount		750
	MinimumAmount <MinAmt>	[0..1]	Amount		750
	MaximumAmount <MaxAmt>	[0..1]	Amount		750
	CommissionDetails <ComssnDtls>	[0..*]			751
	Amount <Amt>	[1..1]	Amount		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751
	MarkUpDetails <MrkUpDtls>	[0..*]			751
	Rate <Rate>	[1..1]	Rate		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751
	DeclarationDetails <DclrtDtls>	[0..*]	±		751

18.4.2.3.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

18.4.2.3.3.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	747
	NumericCode <NmrcCd>	[1..1]	Text		747
	Decimal <Dcml>	[1..1]	Quantity		747
	Name <Nm>	[0..1]	Text		747

18.4.2.3.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

18.4.2.3.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2378

18.4.2.3.3.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2377

18.4.2.3.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

18.4.2.3.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.3.3.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 2378

18.4.2.3.3.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2378

18.4.2.3.3.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2374

18.4.2.3.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

18.4.2.3.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

18.4.2.3.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	749
	NumericCode <NmrcCd>	[0..1]	Text		749
	Decimal <Dcml>	[0..1]	Quantity		749
	Name <Nm>	[0..1]	Text		749

18.4.2.3.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

18.4.2.3.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

18.4.2.3.3.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

18.4.2.3.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

18.4.2.3.3.10 ApplicableBinRange <ApIblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		750
	HigherBin <HghrBin>	[1..1]	Text		750

18.4.2.3.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

18.4.2.3.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

18.4.2.3.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		750
	MinimumAmount <MinAmt>	[0..1]	Amount		750
	MaximumAmount <MaxAmt>	[0..1]	Amount		750

18.4.2.3.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.3.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.3.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.3.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751

18.4.2.3.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

18.4.2.3.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

18.4.2.3.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		751
	AdditionalInformation <AddtlInf>	[0..1]	Text		751

18.4.2.3.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

18.4.2.3.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

18.4.2.3.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

18.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC (message authentication code).

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

19 caaa.018.001.09 AcceptorCurrencyConversionAdviceV09

19.1 MessageDefinition Functionality

The AcceptorCurrencyConversionAdvice message is sent by the card acceptor to inform the currency conversion service provider of the outcome of the card currency conversion.

Outline

The AcceptorCurrencyConversionAdviceV09 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Currency Conversion request message management information.
- B. AcceptorCurrencyConversionAdvice
Information related to the outcome of the currency conversion.
- C. SecurityTrailer
Trailer of the message containing a MAC.

19.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsAdv>	[1..1]			
	Header <Hdr>	[1..1]			758
	MessageFunction <MsgFctn>	[1..1]	CodeSet		758
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		760
	ExchangeIdentification <XchgId>	[1..1]	Quantity		760
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		760
	CreationDateTime <CreDtTm>	[1..1]	DateTime		760
	InitiatingParty <InitgPty>	[1..1]	±		760
	RecipientParty <RcptPty>	[0..1]	±		761
	Traceability <Tracblt>	[0..*]	±		761
	AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv>	[1..1]			762
	Environment <Envt>	[1..1]	±	C4	766
	Transaction <Tx>	[1..1]			772
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		775
	TransactionIdentification <TxId>	[1..1]	±		775
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		775
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		775
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		775
	InterchangeData <IntrchgData>	[0..1]	Text		776
	TransactionDetails <TxDtls>	[1..1]			776
	Currency <Ccy>	[0..1]	CodeSet	C1	779
	TotalAmount <TtlAmt>	[1..1]	Amount		779
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		779
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		779
	DetailedAmount <DtldAmt>	[0..1]	±		779
	RequestedAmount <ReqdAmt>	[0..1]	Amount		780
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		780
	InvoiceAmount <InvcAmt>	[0..1]	Amount		780
	ValidityDate <VldtyDt>	[0..1]	Date		780
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		780

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		781
	AccountType <AcctTp>	[0..1]	CodeSet		781
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			782
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		784
	Conversion <Convs>	[0..1]			784
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		786
	TargetCurrency <TrgtCcy>	[1..1]			786
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	786
	NumericCode <NmrcCd>	[1..1]	Text		786
	Decimal <Dcml>	[1..1]	Quantity		786
	Name <Nm>	[0..1]	Text		786
	ResultingAmount <RsltAmt>	[0..1]	Amount		787
	ExchangeRate <XchgRate>	[1..1]	Rate		787
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		787
	QuotationDate <QtnDt>	[0..1]	DateTime		787
	ValidFrom <VldFr>	[0..1]	DateTime		787
	ValidUntil <VldUntil>	[0..1]	DateTime		787
	SourceCurrency <SrcCcy>	[1..1]			787
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	788
	NumericCode <NmrcCd>	[0..1]	Text		788
	Decimal <Dcml>	[0..1]	Quantity		788
	Name <Nm>	[0..1]	Text		788
	ApplicableBinRange <AplblBinRg>	[0..*]			788
	LowerBin <LwrBin>	[1..1]	Text		789
	HigherBin <HghrBin>	[1..1]	Text		789
	OriginalAmount <OrgnlAmt>	[0..1]			789
	ActualAmount <ActlAmt>	[0..1]	Amount		789
	MinimumAmount <MinAmt>	[0..1]	Amount		789
	MaximumAmount <MaxAmt>	[0..1]	Amount		789
	CommissionDetails <ComssnDtls>	[0..*]			790
	Amount <Amt>	[1..1]	Amount		790

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	MarkUpDetails <MrkUpDtls>	[0..*]			790
	Rate <Rate>	[1..1]	Rate		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	DeclarationDetails <DclrtnDtls>	[0..*]	±		790
	Instalment <Instlmt>	[0..*]	±		791
	Recurring <Rcrng>	[0..1]	±		792
	AggregationTransaction <AggtnTx>	[0..1]	±		793
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		793
	SaleItem <Saleitm>	[0..*]	±		793
	DeliveryLocation <DivryLctn>	[0..1]	Text		794
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		794
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		794
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		794
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		795
	AdditionalInformation <AddtlInf>	[0..*]			795
	Identification <Id>	[1..1]	Text		795
	Value <Val>	[0..1]	Binary		795
	ProtectedValue <PrctcdVal>	[0..1]	±		795
	Type <Tp>	[0..1]	Text		796
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		796
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		796
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			796
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		798
	Conversion <Convs>	[0..1]			798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		800
	TargetCurrency <TrgtCcy>	[1..1]			800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	800
	NumericCode <NmrcCd>	[1..1]	Text		800
	Decimal <Dcml>	[1..1]	Quantity		800
	Name <Nm>	[0..1]	Text		800

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		801
	ExchangeRate <XchgRate>	[1..1]	Rate		801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		801
	QuotationDate <QtnDt>	[0..1]	DateTime		801
	ValidFrom <VldFr>	[0..1]	DateTime		801
	ValidUntil <VldUntil>	[0..1]	DateTime		801
	SourceCurrency <SrcCcy>	[1..1]			801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	802
	NumericCode <NmrcCd>	[0..1]	Text		802
	Decimal <Dcml>	[0..1]	Quantity		802
	Name <Nm>	[0..1]	Text		802
	ApplicableBinRange <AplblBinRg>	[0..*]			802
	LowerBin <LwrBin>	[1..1]	Text		803
	HigherBin <HghrBin>	[1..1]	Text		803
	OriginalAmount <OrgnlAmt>	[0..1]			803
	ActualAmount <ActlAmt>	[0..1]	Amount		803
	MinimumAmount <MinAmt>	[0..1]	Amount		803
	MaximumAmount <MaxAmt>	[0..1]	Amount		803
	CommissionDetails <ComssnDtls>	[0..*]			804
	Amount <Amt>	[1..1]	Amount		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	MarkUpDetails <MrkUpDtls>	[0..*]			804
	Rate <Rate>	[1..1]	Rate		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	DeclarationDetails <DclrtnDtls>	[0..*]	±		804
	SecurityTrailer <SctyTrlr>	[0..1]	±		805

19.3 Constraints

C1 ActiveCurrency

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

C2 Country

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

C3 CurrencyAmount

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

Note: The decimal separator is a dot.

C4 OneElementPresenceRule

At least one of these subelements must be present.

C5 ValidationByTable

Must be a valid terrestrial language.

19.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

19.4.1 Header <Hdr>

Presence: [1..1]

Definition: Currency Conversion request message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		758
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		760
	ExchangeIdentification <XchgId>	[1..1]	Quantity		760
	ReTransmissionCounter <ReTrnsmsnCnt>	[0..1]	Text		760
	CreationDateTime <CreDtTm>	[1..1]	DateTime		760
	InitiatingParty <InitgPty>	[1..1]	±		760
	RecipientParty <RcptPty>	[0..1]	±		761
	Traceability <Tracblt>	[0..*]	±		761

19.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

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

CodeName	Name	Definition
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

19.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

19.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

19.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

19.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

19.4.2 AcceptorCurrencyConversionAdvice <AccptrCcyConvsvAdv>

Presence: [1..1]

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

AcceptorCurrencyConversionAdvice <AccptrCcyConvsAdv> contains the following
AcceptorCurrencyConversionAdvice9 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C4	766
	Transaction <Tx>	[1..1]			772
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		775
	TransactionIdentification <TxId>	[1..1]	±		775
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		775
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		775
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		775
	InterchangeData <IntrchnngData>	[0..1]	Text		776
	TransactionDetails <TxDtls>	[1..1]			776
	Currency <Ccy>	[0..1]	CodeSet	C1	779
	TotalAmount <TtlAmt>	[1..1]	Amount		779
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		779
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		779
	DetailedAmount <DtldAmt>	[0..1]	±		779
	RequestedAmount <ReqdAmt>	[0..1]	Amount		780
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		780
	InvoiceAmount <InvcAmt>	[0..1]	Amount		780
	ValidityDate <VldtyDt>	[0..1]	Date		780
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		780
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		781
	AccountType <AcctTp>	[0..1]	CodeSet		781
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			782
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		784
	Conversion <Convs>	[0..1]			784
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		786
	TargetCurrency <TrgtCcy>	[1..1]			786
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	786
	NumericCode <NmrcCd>	[1..1]	Text		786
	Decimal <Dcml>	[1..1]	Quantity		786
	Name <Nm>	[0..1]	Text		786

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		787
	ExchangeRate <XchgRate>	[1..1]	Rate		787
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		787
	QuotationDate <QtnDt>	[0..1]	DateTime		787
	ValidFrom <VldFr>	[0..1]	DateTime		787
	ValidUntil <VldUntil>	[0..1]	DateTime		787
	SourceCurrency <SrcCcy>	[1..1]			787
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	788
	NumericCode <NmrcCd>	[0..1]	Text		788
	Decimal <Dcml>	[0..1]	Quantity		788
	Name <Nm>	[0..1]	Text		788
	ApplicableBinRange <AplblBinRg>	[0..*]			788
	LowerBin <LwrBin>	[1..1]	Text		789
	HigherBin <HghrBin>	[1..1]	Text		789
	OriginalAmount <OrgnlAmt>	[0..1]			789
	ActualAmount <ActlAmt>	[0..1]	Amount		789
	MinimumAmount <MinAmt>	[0..1]	Amount		789
	MaximumAmount <MaxAmt>	[0..1]	Amount		789
	CommissionDetails <ComssnDtls>	[0..*]			790
	Amount <Amt>	[1..1]	Amount		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	MarkUpDetails <MrkUpDtls>	[0..*]			790
	Rate <Rate>	[1..1]	Rate		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	DeclarationDetails <Dclrtndtls>	[0..*]	±		790
	Instalment <Instlmt>	[0..*]	±		791
	Recurring <Rcrng>	[0..1]	±		792
	AggregationTransaction <AggtnTx>	[0..1]	±		793
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		793
	SaleItem <Saleitm>	[0..*]	±		793
	DeliveryLocation <DlvryLctn>	[0..1]	Text		794

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		794
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		794
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		794
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		795
	AdditionalInformation <AddtlInf>	[0..*]			795
	Identification <Id>	[1..1]	Text		795
	Value <Val>	[0..1]	Binary		795
	ProtectedValue <PrctcdVal>	[0..1]	±		795
	Type <Tp>	[0..1]	Text		796
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		796
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		796
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			796
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		798
	Conversion <Convs>	[0..1]			798
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		800
	TargetCurrency <TrgtCcy>	[1..1]			800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	800
	NumericCode <NmrcCd>	[1..1]	Text		800
	Decimal <Dcml>	[1..1]	Quantity		800
	Name <Nm>	[0..1]	Text		800
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		801
	ExchangeRate <XchgRate>	[1..1]	Rate		801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		801
	QuotationDate <QtnDt>	[0..1]	DateTime		801
	ValidFrom <VldFr>	[0..1]	DateTime		801
	ValidUntil <VldUntil>	[0..1]	DateTime		801
	SourceCurrency <SrcCcy>	[1..1]			801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	802
	NumericCode <NmrcCd>	[0..1]	Text		802
	Decimal <Dcml>	[0..1]	Quantity		802
	Name <Nm>	[0..1]	Text		802

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			802
	LowerBin <LwrBin>	[1..1]	Text		803
	HigherBin <HghrBin>	[1..1]	Text		803
	OriginalAmount <OrgnlAmt>	[0..1]			803
	ActualAmount <ActlAmt>	[0..1]	Amount		803
	MinimumAmount <MinAmt>	[0..1]	Amount		803
	MaximumAmount <MaxAmt>	[0..1]	Amount		803
	CommissionDetails <ComssnDtls>	[0..*]			804
	Amount <Amt>	[1..1]	Amount		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	MarkUpDetails <MrkUpDtls>	[0..*]			804
	Rate <Rate>	[1..1]	Rate		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	DeclarationDetails <DclrtnDtls>	[0..*]	±		804

19.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C4 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

19.4.2.2 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		775
	TransactionIdentification <TxId>	[1..1]	±		775
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		775
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		775
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		775
	InterchangeData <IntrchgData>	[0..1]	Text		776
	TransactionDetails <TxDtls>	[1..1]			776
	Currency <Ccy>	[0..1]	CodeSet	C1	779
	TotalAmount <TtlAmt>	[1..1]	Amount		779
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		779
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		779
	DetailedAmount <DtlAmt>	[0..1]	±		779
	RequestedAmount <ReqdAmt>	[0..1]	Amount		780
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		780
	InvoiceAmount <InvcAmt>	[0..1]	Amount		780
	ValidityDate <VldtyDt>	[0..1]	Date		780
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		780
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		781
	AccountType <AcctTp>	[0..1]	CodeSet		781
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			782
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		784
	Conversion <Convs>	[0..1]			784
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		786
	TargetCurrency <TrgtCcy>	[1..1]			786
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	786
	NumericCode <NmrcCd>	[1..1]	Text		786
	Decimal <Dcml>	[1..1]	Quantity		786
	Name <Nm>	[0..1]	Text		786
	ResultingAmount <RsltgAmt>	[0..1]	Amount		787
	ExchangeRate <XchgRate>	[1..1]	Rate		787
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		787

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		787
	ValidFrom <VldFr>	[0..1]	DateTime		787
	ValidUntil <VldUntil>	[0..1]	DateTime		787
	SourceCurrency <SrcCcy>	[1..1]			787
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	788
	NumericCode <NmrcCd>	[0..1]	Text		788
	Decimal <Dcml>	[0..1]	Quantity		788
	Name <Nm>	[0..1]	Text		788
	ApplicableBinRange <AplblBinRg>	[0..*]			788
	LowerBin <LwrBin>	[1..1]	Text		789
	HigherBin <HghrBin>	[1..1]	Text		789
	OriginalAmount <OrgnlAmt>	[0..1]			789
	ActualAmount <ActlAmt>	[0..1]	Amount		789
	MinimumAmount <MinAmt>	[0..1]	Amount		789
	MaximumAmount <MaxAmt>	[0..1]	Amount		789
	CommissionDetails <ComssnDtls>	[0..*]			790
	Amount <Amt>	[1..1]	Amount		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	MarkUpDetails <MrkUpDtls>	[0..*]			790
	Rate <Rate>	[1..1]	Rate		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	DeclarationDetails <DclrtDtls>	[0..*]	±		790
	Instalment <Instlmt>	[0..*]	±		791
	Recurring <Rcrng>	[0..1]	±		792
	AggregationTransaction <AggtnTx>	[0..1]	±		793
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		793
	SaleItem <SaleItem>	[0..*]	±		793
	DeliveryLocation <DlvryLctn>	[0..1]	Text		794
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		794
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		794
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		794

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		795
	AdditionalInformation <AddtlInf>	[0..*]			795
	Identification <Id>	[1..1]	Text		795
	Value <Val>	[0..1]	Binary		795
	ProtectedValue <PrctcdVal>	[0..1]	±		795
	Type <Tp>	[0..1]	Text		796
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		796
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		796

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 2382

19.4.2.2.2 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

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 2382

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 2380

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 2382

19.4.2.2.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

19.4.2.2.7 TransactionDetails <TxDtIs>

Presence: [1..1]

Definition: Detail of the transaction transported.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	779
	TotalAmount <TtlAmt>	[1..1]	Amount		779
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		779
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		779
	DetailedAmount <DtldAmt>	[0..1]	±		779
	RequestedAmount <ReqdAmt>	[0..1]	Amount		780
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		780
	InvoiceAmount <InvcAmt>	[0..1]	Amount		780
	ValidityDate <VldtyDt>	[0..1]	Date		780
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		780
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		781
	AccountType <AcctTp>	[0..1]	CodeSet		781
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			782
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		784
	Conversion <Convs>	[0..1]			784
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		786
	TargetCurrency <TrgtCcy>	[1..1]			786
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	786
	NumericCode <NmrcCd>	[1..1]	Text		786
	Decimal <Dcml>	[1..1]	Quantity		786
	Name <Nm>	[0..1]	Text		786
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		787
	ExchangeRate <XchgRate>	[1..1]	Rate		787
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		787
	QuotationDate <QtnDt>	[0..1]	DateTime		787
	ValidFrom <VldFr>	[0..1]	DateTime		787
	ValidUntil <VldUntil>	[0..1]	DateTime		787
	SourceCurrency <SrcCcy>	[1..1]			787
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	788
	NumericCode <NmrcCd>	[0..1]	Text		788
	Decimal <Dcml>	[0..1]	Quantity		788

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		788
	ApplicableBinRange <ApblBinRg>	[0..*]			788
	LowerBin <LwrBin>	[1..1]	Text		789
	HigherBin <HghrBin>	[1..1]	Text		789
	OriginalAmount <OrgnlAmt>	[0..1]			789
	ActualAmount <ActlAmt>	[0..1]	Amount		789
	MinimumAmount <MinAmt>	[0..1]	Amount		789
	MaximumAmount <MaxAmt>	[0..1]	Amount		789
	CommissionDetails <ComssnDtls>	[0..*]			790
	Amount <Amt>	[1..1]	Amount		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	MarkUpDetails <MrkUpDtls>	[0..*]			790
	Rate <Rate>	[1..1]	Rate		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	DeclarationDetails <DclrtDtls>	[0..*]	±		790
	Instalment <Instlmt>	[0..*]	±		791
	Recurring <Rcrng>	[0..1]	±		792
	AggregationTransaction <AggtTx>	[0..1]	±		793
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		793
	SaleItem <Saleitm>	[0..*]	±		793
	DeliveryLocation <DivryLctn>	[0..1]	Text		794
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		794
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		794
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		794
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		795
	AdditionalInformation <AddtlInf>	[0..*]			795
	Identification <Id>	[1..1]	Text		795
	Value <Val>	[0..1]	Binary		795
	ProtectedValue <PrctcdVal>	[0..1]	±		795
	Type <Tp>	[0..1]	Text		796
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		796

19.4.2.2.7.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

19.4.2.2.7.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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

19.4.2.2.7.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtIdAmt> contains the following elements (see "DetailedAmount15" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

19.4.2.2.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

19.4.2.2.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

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

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

19.4.2.2.7.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2382

19.4.2.2.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

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

19.4.2.2.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		784
	Conversion <Convs>	[0..1]			784
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		786
	TargetCurrency <TrgtCcy>	[1..1]			786
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	786
	NumericCode <NmrcCd>	[1..1]	Text		786
	Decimal <Dcml>	[1..1]	Quantity		786
	Name <Nm>	[0..1]	Text		786
	ResultingAmount <RsltgAmt>	[0..1]	Amount		787
	ExchangeRate <XchgRate>	[1..1]	Rate		787
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		787
	QuotationDate <QtnDt>	[0..1]	DateTime		787
	ValidFrom <VldFr>	[0..1]	DateTime		787
	ValidUntil <VldUntil>	[0..1]	DateTime		787
	SourceCurrency <SrcCcy>	[1..1]			787
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	788
	NumericCode <NmrcCd>	[0..1]	Text		788
	Decimal <Dcml>	[0..1]	Quantity		788
	Name <Nm>	[0..1]	Text		788
	ApplicableBinRange <AplblBinRg>	[0..*]			788
	LowerBin <LwrBin>	[1..1]	Text		789
	HigherBin <HghrBin>	[1..1]	Text		789
	OriginalAmount <OrgnlAmt>	[0..1]			789
	ActualAmount <ActlAmt>	[0..1]	Amount		789
	MinimumAmount <MinAmt>	[0..1]	Amount		789
	MaximumAmount <MaxAmt>	[0..1]	Amount		789
	CommissionDetails <ComssnDtls>	[0..*]			790
	Amount <Amt>	[1..1]	Amount		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	MarkUpDetails <MrkUpDtls>	[0..*]			790

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	DeclarationDetails <DclrtnDtls>	[0..*]	±		790

19.4.2.2.7.13.1 AcceptedByCardholder <AcptdByCrdhdr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

19.4.2.2.7.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		786
	TargetCurrency <TrgtCcy>	[1..1]			786
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	786
	NumericCode <NmrcCd>	[1..1]	Text		786
	Decimal <Dcml>	[1..1]	Quantity		786
	Name <Nm>	[0..1]	Text		786
	ResultingAmount <RsltAmt>	[0..1]	Amount		787
	ExchangeRate <XchgRate>	[1..1]	Rate		787
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		787
	QuotationDate <QtnDt>	[0..1]	DateTime		787
	ValidFrom <VldFr>	[0..1]	DateTime		787
	ValidUntil <VldUntil>	[0..1]	DateTime		787
	SourceCurrency <SrcCcy>	[1..1]			787
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	788
	NumericCode <NmrcCd>	[0..1]	Text		788
	Decimal <Dcml>	[0..1]	Quantity		788
	Name <Nm>	[0..1]	Text		788
	ApplicableBinRange <AplblBinRg>	[0..*]			788
	LowerBin <LwrBin>	[1..1]	Text		789
	HigherBin <HghrBin>	[1..1]	Text		789
	OriginalAmount <OrgnlAmt>	[0..1]			789
	ActualAmount <ActlAmt>	[0..1]	Amount		789
	MinimumAmount <MinAmt>	[0..1]	Amount		789
	MaximumAmount <MaxAmt>	[0..1]	Amount		789
	CommissionDetails <ComssnDtls>	[0..*]			790
	Amount <Amt>	[1..1]	Amount		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	MarkUpDetails <MrkUpDtls>	[0..*]			790
	Rate <Rate>	[1..1]	Rate		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790
	DeclarationDetails <DclrtDtls>	[0..*]	±		790

19.4.2.2.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

19.4.2.2.7.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	786
	NumericCode <NmrcCd>	[1..1]	Text		786
	Decimal <Dcml>	[1..1]	Quantity		786
	Name <Nm>	[0..1]	Text		786

19.4.2.2.7.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

19.4.2.2.7.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2378

19.4.2.2.7.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2377

19.4.2.2.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

19.4.2.2.7.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 2378

19.4.2.2.7.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2378

19.4.2.2.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2374

19.4.2.2.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

19.4.2.2.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

19.4.2.2.7.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	788
	NumericCode <NmrcCd>	[0..1]	Text		788
	Decimal <Dcml>	[0..1]	Quantity		788
	Name <Nm>	[0..1]	Text		788

19.4.2.2.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

19.4.2.2.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

19.4.2.2.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

19.4.2.2.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

19.4.2.2.7.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		789
	HigherBin <HghrBin>	[1..1]	Text		789

19.4.2.2.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

19.4.2.2.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

19.4.2.2.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		789
	MinimumAmount <MinAmt>	[0..1]	Amount		789
	MaximumAmount <MaxAmt>	[0..1]	Amount		789

19.4.2.2.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790

19.4.2.2.7.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

19.4.2.2.7.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		790
	AdditionalInformation <AddtlInf>	[0..1]	Text		790

19.4.2.2.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

19.4.2.2.7.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

19.4.2.2.7.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

19.4.2.2.7.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

19.4.2.2.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

19.4.2.2.7.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

19.4.2.2.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

19.4.2.2.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

19.4.2.2.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

19.4.2.2.7.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

19.4.2.2.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

19.4.2.2.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

19.4.2.2.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.2.7.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		795
	Value <Val>	[0..1]	Binary		795
	ProtectedValue <PrtctdVal>	[0..1]	±		795
	Type <Tp>	[0..1]	Text		796

19.4.2.2.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

19.4.2.2.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

19.4.2.2.7.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

19.4.2.2.7.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2379

19.4.2.2.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

19.4.2.2.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 2384

19.4.2.3 CurrencyConversionResult <CcyConvRsIt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		798
	Conversion <Convs>	[0..1]			798
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		800
	TargetCurrency <TrgtCcy>	[1..1]			800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	800
	NumericCode <NmrcCd>	[1..1]	Text		800
	Decimal <Dcml>	[1..1]	Quantity		800
	Name <Nm>	[0..1]	Text		800
	ResultingAmount <RsltgAmt>	[0..1]	Amount		801
	ExchangeRate <XchgRate>	[1..1]	Rate		801
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		801
	QuotationDate <QtnDt>	[0..1]	DateTime		801
	ValidFrom <VldFr>	[0..1]	DateTime		801
	ValidUntil <VldUntil>	[0..1]	DateTime		801
	SourceCurrency <SrcCcy>	[1..1]			801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	802
	NumericCode <NmrcCd>	[0..1]	Text		802
	Decimal <Dcml>	[0..1]	Quantity		802
	Name <Nm>	[0..1]	Text		802
	ApplicableBinRange <AplblBinRg>	[0..*]			802
	LowerBin <LwrBin>	[1..1]	Text		803
	HigherBin <HghrBin>	[1..1]	Text		803
	OriginalAmount <OrgnlAmt>	[0..1]			803
	ActualAmount <ActlAmt>	[0..1]	Amount		803
	MinimumAmount <MinAmt>	[0..1]	Amount		803
	MaximumAmount <MaxAmt>	[0..1]	Amount		803
	CommissionDetails <ComssnDtls>	[0..*]			804
	Amount <Amt>	[1..1]	Amount		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	MarkUpDetails <MrkUpDtls>	[0..*]			804

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	DeclarationDetails <DclrtnDtls>	[0..*]	±		804

19.4.2.3.1 AcceptedByCardholder <AcceptdByCrdhldr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

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

19.4.2.3.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		800
	TargetCurrency <TrgtCcy>	[1..1]			800
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	800
	NumericCode <NmrcCd>	[1..1]	Text		800
	Decimal <Dcml>	[1..1]	Quantity		800
	Name <Nm>	[0..1]	Text		800
	ResultingAmount <RsltAmt>	[0..1]	Amount		801
	ExchangeRate <XchgRate>	[1..1]	Rate		801
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		801
	QuotationDate <QtnDt>	[0..1]	DateTime		801
	ValidFrom <VldFr>	[0..1]	DateTime		801
	ValidUntil <VldUntil>	[0..1]	DateTime		801
	SourceCurrency <SrcCcy>	[1..1]			801
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	802
	NumericCode <NmrcCd>	[0..1]	Text		802
	Decimal <Dcml>	[0..1]	Quantity		802
	Name <Nm>	[0..1]	Text		802
	ApplicableBinRange <AplblBinRg>	[0..*]			802
	LowerBin <LwrBin>	[1..1]	Text		803
	HigherBin <HghrBin>	[1..1]	Text		803
	OriginalAmount <OrgnlAmt>	[0..1]			803
	ActualAmount <ActlAmt>	[0..1]	Amount		803
	MinimumAmount <MinAmt>	[0..1]	Amount		803
	MaximumAmount <MaxAmt>	[0..1]	Amount		803
	CommissionDetails <ComssnDtls>	[0..*]			804
	Amount <Amt>	[1..1]	Amount		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	MarkUpDetails <MrkUpDtls>	[0..*]			804
	Rate <Rate>	[1..1]	Rate		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804
	DeclarationDetails <DclrtDtls>	[0..*]	±		804

19.4.2.3.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

19.4.2.3.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	800
	NumericCode <NmrcCd>	[1..1]	Text		800
	Decimal <Dcml>	[1..1]	Quantity		800
	Name <Nm>	[0..1]	Text		800

19.4.2.3.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

19.4.2.3.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2378

19.4.2.3.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2377

19.4.2.3.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

19.4.2.3.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.3.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 2378

19.4.2.3.2.5 InvertedExchangeRate <NvrtXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2378

19.4.2.3.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2374

19.4.2.3.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

19.4.2.3.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

19.4.2.3.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	802
	NumericCode <NmrcCd>	[0..1]	Text		802
	Decimal <Dcml>	[0..1]	Quantity		802
	Name <Nm>	[0..1]	Text		802

19.4.2.3.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

19.4.2.3.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

19.4.2.3.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

19.4.2.3.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

19.4.2.3.2.10 ApplicableBinRange <ApIblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		803
	HigherBin <HghrBin>	[1..1]	Text		803

19.4.2.3.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

19.4.2.3.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

19.4.2.3.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		803
	MinimumAmount <MinAmt>	[0..1]	Amount		803
	MaximumAmount <MaxAmt>	[0..1]	Amount		803

19.4.2.3.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.3.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.3.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.3.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804

19.4.2.3.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

19.4.2.3.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

19.4.2.3.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		804
	AdditionalInformation <AddtlInf>	[0..1]	Text		804

19.4.2.3.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

19.4.2.3.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

19.4.2.3.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrCdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

19.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

20 caaa.019.001.08

AcceptorCurrencyConversionAdviceResponseV08

20.1 MessageDefinition Functionality

The AcceptorCurrencyConversionAdviceResponse message is sent by the service provider to acknowledge the acceptor about the notification of the reception of the currency conversion advice.

Outline

The AcceptorCurrencyConversionAdviceResponseV08 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Cancellation advice response message management information.
- B. CurrencyConversionAdviceResponse
 - Information related to the currency conversion advice response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

20.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrCcyConvsAdvRspn>	[1..1]			
	Header <Hdr>	[1..1]			808
	MessageFunction <MsgFctn>	[1..1]	CodeSet		808
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		810
	ExchangeIdentification <XchgId>	[1..1]	Quantity		810
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		810
	CreationDateTime <CreDtTm>	[1..1]	DateTime		810
	InitiatingParty <InitgPty>	[1..1]	±		810
	RecipientParty <RcptPty>	[0..1]	±		811
	Traceability <Tracblt>	[0..*]	±		811
	CurrencyConversionAdviceResponse <CcyConvsAdvRspn>	[1..1]			812
	Environment <Envnt>	[1..1]	±	C3	812
	Transaction <Tx>	[1..1]			818
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		819
	TransactionIdentification <TxId>	[1..1]	±		819
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		819
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		819
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		819
	Response <Rspn>	[1..1]	CodeSet		820
	TMSTrigger <TMSTrggr>	[0..1]			820
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		820
	TMSIdentification <TMSId>	[0..1]	Text		820
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		821
	SecurityTrailer <SctyTrlr>	[0..1]	±		821

20.3 Constraints

C1 ActiveCurrency

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

- C2

Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).
- C3

OneElementPresenceRule

At least one of these subelements must be present.
- C4

ValidationByTable

Must be a valid terrestrial language.

20.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

20.4.1 Header <Hdr>

Presence: [1..1]
Definition: Cancellation advice response message management information.
Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		808
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		810
	ExchangeIdentification <XchgId>	[1..1]	Quantity		810
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		810
	CreationDateTime <CreDtTm>	[1..1]	DateTime		810
	InitiatingParty <InitgPty>	[1..1]	±		810
	RecipientParty <RcptPty>	[0..1]	±		811
	Traceability <Tracblt>	[0..*]	±		811

20.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]
Definition: Identifies the type of process related to the message.
Datatype: "MessageFunction46Code" on page 2350

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.

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

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

20.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

20.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

20.4.1.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

20.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

20.4.2 CurrencyConversionAdviceResponse <CcyConvsAdvcRspn>

Presence: [1..1]

Definition: Information related to the currency conversion advice response.

CurrencyConversionAdviceResponse <CcyConvsAdvcRspn> contains the following
AcceptorCancellationAdviceResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	812
	Transaction <Tx>	[1..1]			818
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		819
	TransactionIdentification <TxId>	[1..1]	±		819
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		819
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		819
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		819
	Response <Rspn>	[1..1]	CodeSet		820
	TMSTrigger <TMSTrggr>	[0..1]			820
	TMSContactLevel <TMSCtctLv>	[1..1]	CodeSet		820
	TMSIdentification <TMSId>	[0..1]	Text		820
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		821

20.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

20.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction from an acceptor to the acquirer.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		819
	TransactionIdentification <TxId>	[1..1]	±		819
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		819
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		819
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		819
	Response <Rspn>	[1..1]	CodeSet		820

20.4.2.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

20.4.2.2.2 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

20.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

20.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2380

20.4.2.2.5 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

20.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2363

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

20.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		820
	TMSIdentification <TMSId>	[0..1]	Text		820
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		821

20.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

20.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

20.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

20.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

21 caaa.020.001.06

TransactionAdviceV06

21.1 MessageDefinition Functionality

The TransactionAdvice message is sent by the Acquirer (or Agent) to provide to the POI the outcome of a transaction processed outside of this protocol.

Outline

The TransactionAdviceV06 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Completion advice message management information.
- B. TransactionAdvice
 - Information related to the outcome of the transaction.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

21.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <TxAdv>	[1..1]			
	Header <Hdr>	[1..1]			831
	MessageFunction <MsgFctn>	[1..1]	CodeSet		831
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		833
	ExchangeIdentification <XchgId>	[1..1]	Quantity		833
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		833
	CreationDateTime <CreDtTm>	[1..1]	DateTime		833
	InitiatingParty <InitgPty>	[1..1]	±		833
	RecipientParty <RcptPty>	[0..1]	±		833
	Traceability <Tracblt>	[0..*]	±		834
	TransactionAdvice <TxAdv>	[1..1]			834
	Environment <Env>	[1..1]	±	C9	841
	Context <Cntxt>	[0..1]		C10	847
	PaymentContext <PmtCntxt>	[0..1]			850
	CardPresent <CardPres>	[0..1]	Indicator		850
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		850
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		851
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		851
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		851
	TransactionChannel <TxChanl>	[0..1]	CodeSet		851
	BusinessArea <BizArea>	[0..1]	CodeSet		852
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		852
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	852
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		853
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		853
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		854
	SaleContext <SaleCntxt>	[0..1]			854
	SaleIdentification <SaleId>	[0..1]	Text		855
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		855
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		856

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		856
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	856
	ShiftNumber <ShftNb>	[0..1]	Text		856
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		856
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		856
	InvoiceNumber <InvcNb>	[0..1]	Text		856
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		857
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			857
	CommonName <CmonNm>	[1..1]	Text		857
	Address <Adr>	[0..1]	Text		857
	CountryCode <CtryCd>	[1..1]	CodeSet		857
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		857
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		857
	SplitPayment <SplitPmt>	[0..1]	Indicator		858
	RemainingAmount <RmngAmt>	[0..1]	Amount		858
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		858
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		858
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		858
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		859
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		859
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	859
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		860
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		860
	SystemToNotify <SysToNtfy>	[0..1]	Text		860
	Debtor <Dbtr>	[0..1]	±		861
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	862
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		862
	Creditor <Cdtr>	[0..1]	±		862
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	863
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		864
	DirectDebitContext <DrctDbtCntxt>	[0..1]			864

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		865
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	866
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		867
	Creditor <Cdtr>	[0..1]	±		867
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	868
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		869
	MandateRelatedInformation <MndtRltdInf>	[1..1]			869
	MandateIdentification <MndtId>	[1..1]	Text		870
	DateOfSignature <DtOfSgntr>	[0..1]	Date		870
	MandateImage <MndtImg>	[0..1]	Binary		870
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		870
	Transaction <Tx>	[1..1]			870
	TransactionCapture <TxCaptr>	[0..1]	Indicator		875
	TransactionType <TxTp>	[0..1]	CodeSet		875
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		876
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		877
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		877
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		877
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		877
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		878
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		878
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		878
	TransactionIdentification <TxId>	[1..1]	±		878
	OriginalTransaction <OrgnlTx>	[0..1]	±		878
	TransactionSuccess <TxSucss>	[1..1]	Indicator		879
	Reversal <Rvs/>	[0..1]	Indicator		879
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		880
	FailureReason <FailrRsn>	[0..*]	CodeSet		880
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		881
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		881
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		881

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	InterchangeData <IntrchgData>	[0..1]	Text		881
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		881
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		881
	TransactionDetails <TxDtls>	[1..1]			881
	Currency <Ccy>	[0..1]	CodeSet	C1	884
	TotalAmount <TtlAmt>	[1..1]	Amount		884
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		884
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		884
	DetailedAmount <DtlAmt>	[0..1]	±		884
	RequestedAmount <ReqdAmt>	[0..1]	Amount		885
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		885
	InvoiceAmount <InvcAmt>	[0..1]	Amount		885
	ValidityDate <VldtyDt>	[0..1]	Date		885
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		885
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		886
	AccountType <AcctTp>	[0..1]	CodeSet		886
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			887
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		889
	Conversion <Convs>	[0..1]			889
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		891
	TargetCurrency <TrgtCcy>	[1..1]			891
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	891
	NumericCode <NmrcCd>	[1..1]	Text		891
	Decimal <Dcml>	[1..1]	Quantity		891
	Name <Nm>	[0..1]	Text		891
	ResultingAmount <RsltgAmt>	[0..1]	Amount		892
	ExchangeRate <XchgRate>	[1..1]	Rate		892
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		892
	QuotationDate <QtnDt>	[0..1]	DateTime		892
	ValidFrom <VldFr>	[0..1]	DateTime		892
	ValidUntil <VldUntil>	[0..1]	DateTime		892

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			892
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	893
	NumericCode <NmrcCd>	[0..1]	Text		893
	Decimal <Dcml>	[0..1]	Quantity		893
	Name <Nm>	[0..1]	Text		893
	ApplicableBinRange <AplblBinRg>	[0..*]			893
	LowerBin <LwrBin>	[1..1]	Text		894
	HigherBin <HghrBin>	[1..1]	Text		894
	OriginalAmount <OrgnlAmt>	[0..1]			894
	ActualAmount <ActlAmt>	[0..1]	Amount		894
	MinimumAmount <MinAmt>	[0..1]	Amount		894
	MaximumAmount <MaxAmt>	[0..1]	Amount		894
	CommissionDetails <ComssnDtls>	[0..*]			895
	Amount <Amt>	[1..1]	Amount		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	MarkUpDetails <MrkUpDtls>	[0..*]			895
	Rate <Rate>	[1..1]	Rate		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	DeclarationDetails <DclrtDtls>	[0..*]	±		895
	Instalment <Instlmt>	[0..*]	±		896
	Recurring <Rcrng>	[0..1]	±		897
	AggregationTransaction <AggtnTx>	[0..1]	±		898
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		898
	SaleItem <Saleitm>	[0..*]	±		898
	DeliveryLocation <DivryLctn>	[0..1]	Text		899
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		899
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		899
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		899
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		900
	AdditionalInformation <AddtlInf>	[0..*]			900
	Identification <Id>	[1..1]	Text		900

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Binary		900
	ProtectedValue <PrctcdVal>	[0..1]	±		900
	Type <Tp>	[0..1]	Text		901
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		901
	AuthorisationResult <AuthstnRslt>	[0..1]			901
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		901
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			902
	Response <Rspn>	[1..1]	CodeSet		902
	ResponseReason <RspnRsn>	[0..1]	Text		902
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		903
	AuthorisationCode <AuthstnCd>	[0..1]	Text		903
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		903
	AccountFrom <AcctFr>	[0..1]			903
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		904
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		905
	AccountName <AcctNm>	[0..1]	Text		905
	AccountOwner <AcctOwnr>	[0..1]			906
	Name <Nm>	[1..1]	Text		906
	Address <Adr>	[1..1]	±		906
	Currency <Ccy>	[0..1]	CodeSet	C1	906
	AccountIdentifier <Acctldr>	[0..1]			907
{Or	Card <Card>	[1..1]	Text		907
Or	MSISDN <MSISDN>	[1..1]	Text		907
Or	EMail <EMail>	[1..1]	Text		907
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	907
Or	BBAN <BBAN>	[1..1]	IdentifierSet		908
Or	UPIC <UPIC>	[1..1]	IdentifierSet		908
Or	Domestic <Dmst>	[1..1]	Text		908
Or}	Other <Othr>	[1..1]	Text		908
	Servicer <Svcr>	[0..1]			908
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	909

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		909
	AccountTo <AcctTo>	[0..1]			909
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		910
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		911
	AccountName <AcctNm>	[0..1]	Text		911
	AccountOwner <AcctOwnr>	[0..1]			912
	Name <Nm>	[1..1]	Text		912
	Address <Adr>	[1..1]	±		912
	Currency <Ccy>	[0..1]	CodeSet	C1	912
	AccountIdentifier <AcctIdr>	[0..1]			913
{Or	Card <Card>	[1..1]	Text		913
Or	MSISDN <MSISDN>	[1..1]	Text		913
Or	EMail <EMail>	[1..1]	Text		913
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	913
Or	BBAN <BBAN>	[1..1]	IdentifierSet		914
Or	UPIC <UPIC>	[1..1]	IdentifierSet		914
Or	Domestic <Dmst>	[1..1]	Text		914
Or}	Other <Othr>	[1..1]	Text		914
	Servicer <Svcr>	[0..1]			914
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	915
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		915
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		915
	SupplementaryData <SplmtryData>	[0..*]	±	C12	915
	SecurityTrailer <SctyTrlr>	[0..1]	±		916

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 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

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

C5 CurrencyAmount

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

Note: The decimal separator is a dot.

C6 IBAN

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

C7 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C8 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 OneElementPresenceRule

At least one of these subelements must be present.

C12 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.

C13 ValidationByTable

Must be a valid terrestrial language.

21.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

21.4.1 Header <Hdr>

Presence: [1..1]

Definition: Completion advice message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		831
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		833
	ExchangeIdentification <XchgId>	[1..1]	Quantity		833
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		833
	CreationDateTime <CreDtTm>	[1..1]	DateTime		833
	InitiatingParty <InitgPty>	[1..1]	±		833
	RecipientParty <RcptPty>	[0..1]	±		833
	Traceability <Tracblt>	[0..*]	±		834

21.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

21.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

21.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

21.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

21.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

21.4.2 TransactionAdvice <TxAdvc>

Presence: [1..1]

Definition: Information related to the outcome of the transaction.

TransactionAdvice <TxAdvc> contains the following **AcceptorCompletionAdvice14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	841
	Context <Cntxt>	[0..1]		C10	847
	PaymentContext <PmtCntxt>	[0..1]			850
	CardPresent <CardPres>	[0..1]	Indicator		850
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		850
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		851
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		851
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		851
	TransactionChannel <TxChanl>	[0..1]	CodeSet		851
	BusinessArea <BizArea>	[0..1]	CodeSet		852
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		852
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	852
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		853
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		853
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		854
	SaleContext <SaleCntxt>	[0..1]			854
	SaleIdentification <SaleId>	[0..1]	Text		855
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		855
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		856
	CashierIdentification <CshrId>	[0..1]	Text		856
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	856
	ShiftNumber <ShftNb>	[0..1]	Text		856
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		856
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		856
	InvoiceNumber <InvNb>	[0..1]	Text		856
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		857
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			857
	CommonName <CmonNm>	[1..1]	Text		857
	Address <Adr>	[0..1]	Text		857
	CountryCode <CtryCd>	[1..1]	CodeSet		857
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		857

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		857
	SplitPayment <SpltPmt>	[0..1]	Indicator		858
	RemainingAmount <RmngAmt>	[0..1]	Amount		858
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		858
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		858
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		858
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		859
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		859
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	859
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		860
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		860
	SystemToNotify <SysToNtfy>	[0..1]	Text		860
	Debtor <Dbtr>	[0..1]	±		861
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	862
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		862
	Creditor <Cdtr>	[0..1]	±		862
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	863
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		864
	DirectDebitContext <DrctDbtCntxt>	[0..1]			864
	Debtor <Dbtr>	[0..1]	±		865
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	866
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		867
	Creditor <Cdtr>	[0..1]	±		867
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	868
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		869
	MandateRelatedInformation <MndtRltdInf>	[1..1]			869
	MandateIdentification <MndtId>	[1..1]	Text		870
	DateOfSignature <DtOfSgntr>	[0..1]	Date		870
	MandateImage <MndtImg>	[0..1]	Binary		870
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		870
	Transaction <Tx>	[1..1]			870

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		875
	TransactionType <TxTp>	[0..1]	CodeSet		875
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		876
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		877
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		877
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		877
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		877
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		878
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		878
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		878
	TransactionIdentification <Txld>	[1..1]	±		878
	OriginalTransaction <OrgnlTx>	[0..1]	±		878
	TransactionSuccess <TxSucss>	[1..1]	Indicator		879
	Reversal <Rvsl>	[0..1]	Indicator		879
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		880
	FailureReason <FailRsn>	[0..*]	CodeSet		880
	InitiatorTransactionIdentification <InitrTxld>	[0..1]	Text		881
	RecipientTransactionIdentification <RcptTxld>	[0..1]	Text		881
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		881
	InterchangeData <IntrchnngData>	[0..1]	Text		881
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		881
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		881
	TransactionDetails <TxDtls>	[1..1]			881
	Currency <Ccy>	[0..1]	CodeSet	C1	884
	TotalAmount <TtlAmt>	[1..1]	Amount		884
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		884
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		884
	DetailedAmount <DtldAmt>	[0..1]	±		884
	RequestedAmount <ReqdAmt>	[0..1]	Amount		885
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		885
	InvoiceAmount <InvcAmt>	[0..1]	Amount		885

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		885
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		885
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		886
	AccountType <AcctTp>	[0..1]	CodeSet		886
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			887
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		889
	Conversion <Convs>	[0..1]			889
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		891
	TargetCurrency <TrgtCcy>	[1..1]			891
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	891
	NumericCode <NmrcCd>	[1..1]	Text		891
	Decimal <Dcml>	[1..1]	Quantity		891
	Name <Nm>	[0..1]	Text		891
	ResultingAmount <RsltAmt>	[0..1]	Amount		892
	ExchangeRate <XchgRate>	[1..1]	Rate		892
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		892
	QuotationDate <QtnDt>	[0..1]	DateTime		892
	ValidFrom <VldFr>	[0..1]	DateTime		892
	ValidUntil <VldUntil>	[0..1]	DateTime		892
	SourceCurrency <SrcCcy>	[1..1]			892
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	893
	NumericCode <NmrcCd>	[0..1]	Text		893
	Decimal <Dcml>	[0..1]	Quantity		893
	Name <Nm>	[0..1]	Text		893
	ApplicableBinRange <AplblBinRg>	[0..*]			893
	LowerBin <LwrBin>	[1..1]	Text		894
	HigherBin <HghrBin>	[1..1]	Text		894
	OriginalAmount <OrgnlAmt>	[0..1]			894
	ActualAmount <ActlAmt>	[0..1]	Amount		894
	MinimumAmount <MinAmt>	[0..1]	Amount		894
	MaximumAmount <MaxAmt>	[0..1]	Amount		894

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			895
	Amount <Amt>	[1..1]	Amount		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	MarkUpDetails <MrkUpDtls>	[0..*]			895
	Rate <Rate>	[1..1]	Rate		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	DeclarationDetails <DclrtnDtls>	[0..*]	±		895
	Instalment <Instlmt>	[0..*]	±		896
	Recurring <Rcrng>	[0..1]	±		897
	AggregationTransaction <AggtnTx>	[0..1]	±		898
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		898
	SaleItem <Saleitm>	[0..*]	±		898
	DeliveryLocation <DlvryLctn>	[0..1]	Text		899
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		899
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		899
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		899
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		900
	AdditionalInformation <AddtlInf>	[0..*]			900
	Identification <Id>	[1..1]	Text		900
	Value <Val>	[0..1]	Binary		900
	ProtectedValue <PrctcdVal>	[0..1]	±		900
	Type <Tp>	[0..1]	Text		901
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		901
	AuthorisationResult <AuthstnRslt>	[0..1]			901
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		901
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			902
	Response <Rspn>	[1..1]	CodeSet		902
	ResponseReason <RspnRsn>	[0..1]	Text		902
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		903
	AuthorisationCode <AuthstnCd>	[0..1]	Text		903
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		903

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			903
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		904
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		905
	AccountName <AcctNm>	[0..1]	Text		905
	AccountOwner <AcctOwnr>	[0..1]			906
	Name <Nm>	[1..1]	Text		906
	Address <Adr>	[1..1]	±		906
	Currency <Ccy>	[0..1]	CodeSet	C1	906
	AccountIdentifier <AcctIdr>	[0..1]			907
{Or	Card <Card>	[1..1]	Text		907
Or	MSISDN <MSISDN>	[1..1]	Text		907
Or	EMail <EMail>	[1..1]	Text		907
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	907
Or	BBAN <BBAN>	[1..1]	IdentifierSet		908
Or	UPIC <UPIC>	[1..1]	IdentifierSet		908
Or	Domestic <Dmst>	[1..1]	Text		908
Or}	Other <Othr>	[1..1]	Text		908
	Servicer <Svcr>	[0..1]			908
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	909
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		909
	AccountTo <AcctTo>	[0..1]			909
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		910
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		911
	AccountName <AcctNm>	[0..1]	Text		911
	AccountOwner <AcctOwnr>	[0..1]			912
	Name <Nm>	[1..1]	Text		912
	Address <Adr>	[1..1]	±		912
	Currency <Ccy>	[0..1]	CodeSet	C1	912
	AccountIdentifier <AcctIdr>	[0..1]			913
{Or	Card <Card>	[1..1]	Text		913
Or	MSISDN <MSISDN>	[1..1]	Text		913

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		913
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	913
Or	BBAN <BBAN>	[1..1]	IdentifierSet		914
Or	UPIC <UPIC>	[1..1]	IdentifierSet		914
Or	Domestic <Dmst>	[1..1]	Text		914
Or}	Other <Othr>	[1..1]	Text		914
	Servicer <Svcr>	[0..1]			914
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	915
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		915
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		915
	SupplementaryData <SplmtryData>	[0..*]	±	C12	915

21.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

21.4.2.2 Context <Cntxt>

Presence: [0..1]

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

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			850
	CardPresent <CardPres>	[0..1]	Indicator		850
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		850
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		851
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		851
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		851
	TransactionChannel <TxChanl>	[0..1]	CodeSet		851
	BusinessArea <BizArea>	[0..1]	CodeSet		852
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		852
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	852
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		853
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		853
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		854
	SaleContext <SaleCntxt>	[0..1]			854
	SaleIdentification <SaleId>	[0..1]	Text		855
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		855
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		856
	CashierIdentification <CshrId>	[0..1]	Text		856
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	856
	ShiftNumber <ShftNb>	[0..1]	Text		856
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		856
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		856
	InvoiceNumber <InvNb>	[0..1]	Text		856
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		857
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			857
	CommonName <CmonNm>	[1..1]	Text		857
	Address <Adr>	[0..1]	Text		857
	CountryCode <CtryCd>	[1..1]	CodeSet		857
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		857
	RegisteredIdentifier <Regldr>	[1..1]	Text		857
	SplitPayment <SpltPmt>	[0..1]	Indicator		858

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		858
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		858
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		858
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		858
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		859
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		859
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	859
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		860
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		860
	SystemToNotify <SysToNtfy>	[0..1]	Text		860
	Debtor <Dbtr>	[0..1]	±		861
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	862
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		862
	Creditor <Cdtr>	[0..1]	±		862
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	863
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		864
	DirectDebitContext <DrctDbtCntxt>	[0..1]			864
	Debtor <Dbtr>	[0..1]	±		865
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	866
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		867
	Creditor <Cdtr>	[0..1]	±		867
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	868
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		869
	MandateRelatedInformation <MndtRltdInf>	[1..1]			869
	MandateIdentification <Mndtld>	[1..1]	Text		870
	DateOfSignature <DtOfSgntr>	[0..1]	Date		870
	MandateImage <MndtImg>	[0..1]	Binary		870
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		870

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

21.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		850
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		850
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		851
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		851
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		851
	TransactionChannel <TxChanl>	[0..1]	CodeSet		851
	BusinessArea <BizArea>	[0..1]	CodeSet		852
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		852
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	852
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		853
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		853
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		854

21.4.2.2.1.1 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 2376):

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

21.4.2.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

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

21.4.2.2.1.3 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 2376):

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

21.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

21.4.2.2.1.5 TransactionEnvironment <TxEnvt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

21.4.2.2.1.6 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 2370

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.

21.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

21.4.2.2.1.8 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 2376):

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

21.4.2.2.1.9 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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

21.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

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.)

21.4.2.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

21.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

21.4.2.2.2 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		855
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		855
	SaleReconciliationIdentification <SaleRcncld>	[0..1]	Text		856
	CashierIdentification <CshrId>	[0..1]	Text		856
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	856
	ShiftNumber <ShftNb>	[0..1]	Text		856
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		856
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		856
	InvoiceNumber <InvcNb>	[0..1]	Text		856
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		857
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			857
	CommonName <CmonNm>	[1..1]	Text		857
	Address <Adr>	[0..1]	Text		857
	CountryCode <CtryCd>	[1..1]	CodeSet		857
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		857
	RegisteredIdentifier <Regldr>	[1..1]	Text		857
	SplitPayment <Spltpmt>	[0..1]	Indicator		858
	RemainingAmount <RmngAmt>	[0..1]	Amount		858
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		858
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		858
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		858
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		859
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		859

21.4.2.2.2.1 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 2382

21.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

21.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

21.4.2.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

21.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

21.4.2.2.2.7 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 2376):

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

21.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

21.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

21.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

21.4.2.2.2.11 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		857
	Address <Adr>	[0..1]	Text		857
	CountryCode <CtryCd>	[1..1]	CodeSet		857
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		857
	RegisteredIdentifier <Regldlr>	[1..1]	Text		857

21.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

21.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

21.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

21.4.2.2.2.11.4 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 2385

21.4.2.2.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.2.2.12 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 2376):

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

21.4.2.2.2.13 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 2313

21.4.2.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

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

21.4.2.2.2.15 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 2376):

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

21.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

21.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

21.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

21.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		860
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		860
	SystemToNotify <SysToNtfy>	[0..1]	Text		860
	Debtor <Dbtr>	[0..1]	±		861
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	862
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		862
	Creditor <Cdtr>	[0..1]	±		862
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	863
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		864

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

21.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

21.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

21.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

21.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

21.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

21.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

21.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

21.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

21.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

21.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		865
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	866
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		867
	Creditor <Cdtr>	[0..1]	±		867
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	868
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		869
	MandateRelatedInformation <MndtRltdInf>	[1..1]			869
	MandateIdentification <MndtId>	[1..1]	Text		870
	DateOfSignature <DtOfSgntr>	[0..1]	Date		870
	MandateImage <MndtImg>	[0..1]	Binary		870
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		870

21.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

21.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

21.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

21.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

21.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

21.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

21.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		870
	DateOfSignature <DtOfSgntr>	[0..1]	Date		870
	MandateImage <MndtImg>	[0..1]	Binary		870
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		870

21.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

21.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

21.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

21.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

21.4.2.3 Transaction <Tx>

Presence: [1..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction140** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		875
	TransactionType <TxTp>	[0..1]	CodeSet		875
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		876
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		877
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		877
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		877
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		877
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		878
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		878
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		878
	TransactionIdentification <TxId>	[1..1]	±		878
	OriginalTransaction <OrgnlTx>	[0..1]	±		878
	TransactionSuccess <TxSucss>	[1..1]	Indicator		879
	Reversal <Rvs/ >	[0..1]	Indicator		879
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		880
	FailureReason <FailrRsn>	[0..*]	CodeSet		880
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		881
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		881
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		881
	InterchangeData <IntrchnngData>	[0..1]	Text		881
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		881
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		881
	TransactionDetails <TxDtls>	[1..1]			881
	Currency <Ccy>	[0..1]	CodeSet	C1	884
	TotalAmount <TtlAmt>	[1..1]	Amount		884
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		884
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		884
	DetailedAmount <DtlAmt>	[0..1]	±		884
	RequestedAmount <ReqdAmt>	[0..1]	Amount		885
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		885
	InvoiceAmount <InvAmt>	[0..1]	Amount		885

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		885
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		885
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		886
	AccountType <AcctTp>	[0..1]	CodeSet		886
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			887
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		889
	Conversion <Convs>	[0..1]			889
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		891
	TargetCurrency <TrgtCcy>	[1..1]			891
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	891
	NumericCode <NmrcCd>	[1..1]	Text		891
	Decimal <Dcml>	[1..1]	Quantity		891
	Name <Nm>	[0..1]	Text		891
	ResultingAmount <RsltAmt>	[0..1]	Amount		892
	ExchangeRate <XchgRate>	[1..1]	Rate		892
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		892
	QuotationDate <QtnDt>	[0..1]	DateTime		892
	ValidFrom <VldFr>	[0..1]	DateTime		892
	ValidUntil <VldUntil>	[0..1]	DateTime		892
	SourceCurrency <SrcCcy>	[1..1]			892
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	893
	NumericCode <NmrcCd>	[0..1]	Text		893
	Decimal <Dcml>	[0..1]	Quantity		893
	Name <Nm>	[0..1]	Text		893
	ApplicableBinRange <AplblBinRng>	[0..*]			893
	LowerBin <LwrBin>	[1..1]	Text		894
	HigherBin <HghrBin>	[1..1]	Text		894
	OriginalAmount <OrgnlAmt>	[0..1]			894
	ActualAmount <ActlAmt>	[0..1]	Amount		894
	MinimumAmount <MinAmt>	[0..1]	Amount		894
	MaximumAmount <MaxAmt>	[0..1]	Amount		894

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			895
	Amount <Amt>	[1..1]	Amount		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	MarkUpDetails <MrkUpDtls>	[0..*]			895
	Rate <Rate>	[1..1]	Rate		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	DeclarationDetails <DclrtnDtls>	[0..*]	±		895
	Instalment <Instlmt>	[0..*]	±		896
	Recurring <Rcrng>	[0..1]	±		897
	AggregationTransaction <AggtnTx>	[0..1]	±		898
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		898
	SaleItem <Saleitm>	[0..*]	±		898
	DeliveryLocation <DlvryLctn>	[0..1]	Text		899
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		899
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		899
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		899
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		900
	AdditionalInformation <AddtlInf>	[0..*]			900
	Identification <Id>	[1..1]	Text		900
	Value <Val>	[0..1]	Binary		900
	ProtectedValue <PrctcdVal>	[0..1]	±		900
	Type <Tp>	[0..1]	Text		901
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		901
	AuthorisationResult <AuthstnRslt>	[0..1]			901
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		901
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			902
	Response <Rspn>	[1..1]	CodeSet		902
	ResponseReason <RspnRsn>	[0..1]	Text		902
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		903
	AuthorisationCode <AuthstnCd>	[0..1]	Text		903
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		903

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			903
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		904
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		905
	AccountName <AcctNm>	[0..1]	Text		905
	AccountOwner <AcctOwnr>	[0..1]			906
	Name <Nm>	[1..1]	Text		906
	Address <Adr>	[1..1]	±		906
	Currency <Ccy>	[0..1]	CodeSet	C1	906
	AccountIdentifier <AcctIdr>	[0..1]			907
{Or	Card <Card>	[1..1]	Text		907
Or	MSISDN <MSISDN>	[1..1]	Text		907
Or	EMail <EMail>	[1..1]	Text		907
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	907
Or	BBAN <BBAN>	[1..1]	IdentifierSet		908
Or	UPIC <UPIC>	[1..1]	IdentifierSet		908
Or	Domestic <Dmst>	[1..1]	Text		908
Or}	Other <Othr>	[1..1]	Text		908
	Servicer <Svcr>	[0..1]			908
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	909
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		909
	AccountTo <AcctTo>	[0..1]			909
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		910
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		911
	AccountName <AcctNm>	[0..1]	Text		911
	AccountOwner <AcctOwnr>	[0..1]			912
	Name <Nm>	[1..1]	Text		912
	Address <Adr>	[1..1]	±		912
	Currency <Ccy>	[0..1]	CodeSet	C1	912
	AccountIdentifier <AcctIdr>	[0..1]			913
{Or	Card <Card>	[1..1]	Text		913
Or	MSISDN <MSISDN>	[1..1]	Text		913

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		913
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C6	913
Or	B BAN <BBAN>	[1..1]	IdentifierSet		914
Or	U PIC <UPIC>	[1..1]	IdentifierSet		914
Or	D omestic <Dmst>	[1..1]	Text		914
Or}	O ther <Othr>	[1..1]	Text		914
	S ervicer <Svcr>	[0..1]			914
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	915
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		915
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		915

21.4.2.3.1 TransactionCapture <TxCaptr>

Presence: [0..1]

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

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

21.4.2.3.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.

CodeName	Name	Definition
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

21.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

21.4.2.3.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

21.4.2.3.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

21.4.2.3.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

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

Datatype: "Min3Max4Text" on page 2385

21.4.2.3.7 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

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

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

21.4.2.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.11 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

21.4.2.3.12 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

21.4.2.3.13 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

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

21.4.2.3.14 Reversal <Rvsl>

Presence: [0..1]

Definition: Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

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

21.4.2.3.15 MerchantOverride <MrchntOvrdd>

Presence: [0..1]

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

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

21.4.2.3.16 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: "FailureReason3Code" on page 2344

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

21.4.2.3.17 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2380

21.4.2.3.19 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.20 InterchangeData <IntrchgngData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

21.4.2.3.21 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2380

21.4.2.3.22 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2380

21.4.2.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	884
	TotalAmount <TtlAmt>	[1..1]	Amount		884
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		884
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		884
	DetailedAmount <DtldAmt>	[0..1]	±		884
	RequestedAmount <ReqdAmt>	[0..1]	Amount		885
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		885
	InvoiceAmount <InvcAmt>	[0..1]	Amount		885
	ValidityDate <VldtyDt>	[0..1]	Date		885
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		885
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		886
	AccountType <AcctTp>	[0..1]	CodeSet		886
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			887
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		889
	Conversion <Convs>	[0..1]			889
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		891
	TargetCurrency <TrgtCcy>	[1..1]			891
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	891
	NumericCode <NmrcCd>	[1..1]	Text		891
	Decimal <Dcml>	[1..1]	Quantity		891
	Name <Nm>	[0..1]	Text		891
	ResultingAmount <RsltgAmt>	[0..1]	Amount		892
	ExchangeRate <XchgRate>	[1..1]	Rate		892
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		892
	QuotationDate <QtnDt>	[0..1]	DateTime		892
	ValidFrom <VldFr>	[0..1]	DateTime		892
	ValidUntil <VldUntil>	[0..1]	DateTime		892
	SourceCurrency <SrcCcy>	[1..1]			892
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	893
	NumericCode <NmrcCd>	[0..1]	Text		893
	Decimal <Dcml>	[0..1]	Quantity		893

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		893
	ApplicableBinRange <ApblBinRg>	[0..*]			893
	LowerBin <LwrBin>	[1..1]	Text		894
	HigherBin <HghrBin>	[1..1]	Text		894
	OriginalAmount <OrgnlAmt>	[0..1]			894
	ActualAmount <ActlAmt>	[0..1]	Amount		894
	MinimumAmount <MinAmt>	[0..1]	Amount		894
	MaximumAmount <MaxAmt>	[0..1]	Amount		894
	CommissionDetails <ComssnDtls>	[0..*]			895
	Amount <Amt>	[1..1]	Amount		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	MarkUpDetails <MrkUpDtls>	[0..*]			895
	Rate <Rate>	[1..1]	Rate		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	DeclarationDetails <DclrtDtls>	[0..*]	±		895
	Instalment <Instlmt>	[0..*]	±		896
	Recurring <Rcrng>	[0..1]	±		897
	AggregationTransaction <AggtTx>	[0..1]	±		898
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		898
	SaleItem <SaleItm>	[0..*]	±		898
	DeliveryLocation <DivryLctn>	[0..1]	Text		899
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		899
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		899
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		899
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		900
	AdditionalInformation <AddtlInf>	[0..*]			900
	Identification <Id>	[1..1]	Text		900
	Value <Val>	[0..1]	Binary		900
	ProtectedValue <PrctcdVal>	[0..1]	±		900
	Type <Tp>	[0..1]	Text		901
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		901

21.4.2.3.23.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

21.4.2.3.23.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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

21.4.2.3.23.5 DetailedAmount <DtldAmt>

Presence: [0..1]

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

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

21.4.2.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

21.4.2.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

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

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

21.4.2.3.23.11 UnattendedLevelCategory <UatnddLvICtgy>

Presence: [0..1]

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

Datatype: "Max35NumericText" on page 2382

21.4.2.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

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

21.4.2.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		889
	Conversion <Convs>	[0..1]			889
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		891
	TargetCurrency <TrgtCcy>	[1..1]			891
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	891
	NumericCode <NmrcCd>	[1..1]	Text		891
	Decimal <Dcml>	[1..1]	Quantity		891
	Name <Nm>	[0..1]	Text		891
	ResultingAmount <RsltgAmt>	[0..1]	Amount		892
	ExchangeRate <XchgRate>	[1..1]	Rate		892
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		892
	QuotationDate <QtnDt>	[0..1]	DateTime		892
	ValidFrom <VldFr>	[0..1]	DateTime		892
	ValidUntil <VldUntil>	[0..1]	DateTime		892
	SourceCurrency <SrcCcy>	[1..1]			892
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	893
	NumericCode <NmrcCd>	[0..1]	Text		893
	Decimal <Dcml>	[0..1]	Quantity		893
	Name <Nm>	[0..1]	Text		893
	ApplicableBinRange <AplblBinRg>	[0..*]			893
	LowerBin <LwrBin>	[1..1]	Text		894
	HigherBin <HghrBin>	[1..1]	Text		894
	OriginalAmount <OrgnlAmt>	[0..1]			894
	ActualAmount <ActlAmt>	[0..1]	Amount		894
	MinimumAmount <MinAmt>	[0..1]	Amount		894
	MaximumAmount <MaxAmt>	[0..1]	Amount		894
	CommissionDetails <ComssnDtls>	[0..*]			895
	Amount <Amt>	[1..1]	Amount		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	MarkUpDetails <MrkUpDtls>	[0..*]			895

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	DeclarationDetails <DclrtnDtls>	[0..*]	±		895

21.4.2.3.23.13.1 AcceptedByCardholder <AcptdByCrdhdr>

Presence: [0..1]

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

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

21.4.2.3.23.13.2 Conversion <Convs>

Presence: [0..1]

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

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		891
	TargetCurrency <TrgtCcy>	[1..1]			891
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	891
	NumericCode <NmrcCd>	[1..1]	Text		891
	Decimal <Dcml>	[1..1]	Quantity		891
	Name <Nm>	[0..1]	Text		891
	ResultingAmount <RsltgAmt>	[0..1]	Amount		892
	ExchangeRate <XchgRate>	[1..1]	Rate		892
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		892
	QuotationDate <QtnDt>	[0..1]	DateTime		892
	ValidFrom <VldFr>	[0..1]	DateTime		892
	ValidUntil <VldUntil>	[0..1]	DateTime		892
	SourceCurrency <SrcCcy>	[1..1]			892
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	893
	NumericCode <NmrcCd>	[0..1]	Text		893
	Decimal <Dcml>	[0..1]	Quantity		893
	Name <Nm>	[0..1]	Text		893
	ApplicableBinRange <AplblBinRg>	[0..*]			893
	LowerBin <LwrBin>	[1..1]	Text		894
	HigherBin <HghrBin>	[1..1]	Text		894
	OriginalAmount <OrgnlAmt>	[0..1]			894
	ActualAmount <ActlAmt>	[0..1]	Amount		894
	MinimumAmount <MinAmt>	[0..1]	Amount		894
	MaximumAmount <MaxAmt>	[0..1]	Amount		894
	CommissionDetails <ComssnDtls>	[0..*]			895
	Amount <Amt>	[1..1]	Amount		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	MarkUpDetails <MrkUpDtls>	[0..*]			895
	Rate <Rate>	[1..1]	Rate		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895
	DeclarationDetails <DclrtDtls>	[0..*]	±		895

21.4.2.3.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.23.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	891
	NumericCode <NmrcCd>	[1..1]	Text		891
	Decimal <Dcml>	[1..1]	Quantity		891
	Name <Nm>	[0..1]	Text		891

21.4.2.3.23.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

21.4.2.3.23.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

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

Datatype: "Exact3NumericText" on page 2378

21.4.2.3.23.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

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

Datatype: "Number" on page 2377

21.4.2.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

21.4.2.3.23.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

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

Datatype: "PercentageRate" on page 2378

21.4.2.3.23.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

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

Datatype: "PercentageRate" on page 2378

21.4.2.3.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

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

Datatype: "ISODateTime" on page 2374

21.4.2.3.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

21.4.2.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

21.4.2.3.23.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	893
	NumericCode <NmrcCd>	[0..1]	Text		893
	Decimal <Dcml>	[0..1]	Quantity		893
	Name <Nm>	[0..1]	Text		893

21.4.2.3.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

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

21.4.2.3.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

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

Datatype: "Exact3NumericText" on page 2378

21.4.2.3.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

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

Datatype: "Number" on page 2377

21.4.2.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

21.4.2.3.23.13.2.10 ApplicableBinRange <ApblBinRg>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		894
	HigherBin <HghrBin>	[1..1]	Text		894

21.4.2.3.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

21.4.2.3.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

21.4.2.3.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		894
	MinimumAmount <MinAmt>	[0..1]	Amount		894
	MaximumAmount <MaxAmt>	[0..1]	Amount		894

21.4.2.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895

21.4.2.3.23.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

21.4.2.3.23.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		895
	AdditionalInformation <AddtlInf>	[0..1]	Text		895

21.4.2.3.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

21.4.2.3.23.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

21.4.2.3.23.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

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

DeclarationDetails <DclRtnDtls> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrCdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrCdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

21.4.2.3.23.14 Instalment <Instlmt>

Presence: [0..*]

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

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

21.4.2.3.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

21.4.2.3.23.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

21.4.2.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

21.4.2.3.23.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

21.4.2.3.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

21.4.2.3.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

21.4.2.3.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

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

Datatype: "PositiveNumber" on page 2377

21.4.2.3.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

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

Datatype: "ImpliedCurrencyAndAmount" on page 2313

21.4.2.3.23.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

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

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		900
	Value <Val>	[0..1]	Binary		900
	ProtectedValue <PrtctdVal>	[0..1]	±		900
	Type <Tp>	[0..1]	Text		901

21.4.2.3.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

21.4.2.3.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

21.4.2.3.23.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

21.4.2.3.23.24.4 Type <Tp>

Presence: [0..1]

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

Datatype: "[Max1025Text](#)" on page 2379

21.4.2.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

21.4.2.3.24 AuthorisationResult <AuthstnRsIt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		901
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			902
	Response <Rspn>	[1..1]	CodeSet		902
	ResponseReason <RspnRsn>	[0..1]	Text		902
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		903
	AuthorisationCode <AuthstnCd>	[0..1]	Text		903

21.4.2.3.24.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

21.4.2.3.24.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		902
	ResponseReason <RspnRsn>	[0..1]	Text		902
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		903

21.4.2.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2363

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

21.4.2.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2382

21.4.2.3.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

21.4.2.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

21.4.2.3.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2384

21.4.2.3.26 AccountFrom <AcctFr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		904
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		905
	AccountName <AcctNm>	[0..1]	Text		905
	AccountOwner <AcctOwnr>	[0..1]			906
	Name <Nm>	[1..1]	Text		906
	Address <Adr>	[1..1]	±		906
	Currency <Ccy>	[0..1]	CodeSet	C1	906
	AccountIdentifier <AcctIdr>	[0..1]			907
{Or	Card <Card>	[1..1]	Text		907
Or	MSISDN <MSISDN>	[1..1]	Text		907
Or	EMail <EMail>	[1..1]	Text		907
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	907
Or	BBAN <BBAN>	[1..1]	IdentifierSet		908
Or	UPIC <UPIC>	[1..1]	IdentifierSet		908
Or	Domestic <Dmst>	[1..1]	Text		908
Or}	Other <Othr>	[1..1]	Text		908
	Servicer <Svcr>	[0..1]			908
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	909
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		909

21.4.2.3.26.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 2315

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

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

21.4.2.3.26.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

21.4.2.3.26.3 AccountName <AcctNm>

Presence: [0..1]

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

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

Datatype: "Max70Text" on page 2384

21.4.2.3.26.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		906
	Address <Adr>	[1..1]	±		906

21.4.2.3.26.4.1 Name <Nm>

Presence: [1..1]

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

Datatype: "Max70Text" on page 2384

21.4.2.3.26.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

21.4.2.3.26.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

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

21.4.2.3.26.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		907
Or	MSISDN <MSISDN>	[1..1]	Text		907
Or	EEmail <EEmail>	[1..1]	Text		907
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	907
Or	BBAN <BBAN>	[1..1]	IdentifierSet		908
Or	UPIC <UPIC>	[1..1]	IdentifierSet		908
Or	Domestic <Dmst>	[1..1]	Text		908
Or}	Other <Othr>	[1..1]	Text		908

21.4.2.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

21.4.2.3.26.6.2 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max16Text" on page 2380

21.4.2.3.26.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

21.4.2.3.26.6.4 IBAN <IBAN>

Presence: [1..1]

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

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

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

21.4.2.3.26.6.5 BBAN <BBAN>

Presence: [1..1]

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

Datatype: "BBANIdentifier" on page 2375

21.4.2.3.26.6.6 UPIC <UPIC>

Presence: [1..1]

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

Datatype: "UPICIdentifier" on page 2376

21.4.2.3.26.6.7 Domestic <Dmst>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

21.4.2.3.26.7 Servicer <Svcr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	909
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		909

21.4.2.3.26.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

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

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

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

21.4.2.3.26.7.2 ProprietaryIdentification <Prtryld>

Presence: [1..1]

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

ProprietaryIdentification <Prtryld> contains the following elements (see "[GenericIdentification1](#)" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

21.4.2.3.27 AccountTo <AcctTo>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		910
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		911
	AccountName <AcctNm>	[0..1]	Text		911
	AccountOwner <AcctOwnr>	[0..1]			912
	Name <Nm>	[1..1]	Text		912
	Address <Adr>	[1..1]	±		912
	Currency <Ccy>	[0..1]	CodeSet	C1	912
	AccountIdentifier <Acctldr>	[0..1]			913
{Or	Card <Card>	[1..1]	Text		913
Or	MSISDN <MSISDN>	[1..1]	Text		913
Or	EMail <EMail>	[1..1]	Text		913
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	913
Or	BBAN <BBAN>	[1..1]	IdentifierSet		914
Or	UPIC <UPIC>	[1..1]	IdentifierSet		914
Or	Domestic <Dmst>	[1..1]	Text		914
Or}	Other <Othr>	[1..1]	Text		914
	Servicer <Svcr>	[0..1]			914
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	915
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		915

21.4.2.3.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

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

Datatype: "AccountChoiceMethod1Code" on page 2315

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

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

21.4.2.3.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

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

21.4.2.3.27.3 AccountName <AcctNm>

Presence: [0..1]

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

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

Datatype: "Max70Text" on page 2384

21.4.2.3.27.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		912
	Address <Adr>	[1..1]	±		912

21.4.2.3.27.4.1 Name <Nm>

Presence: [1..1]

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

Datatype: "Max70Text" on page 2384

21.4.2.3.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

21.4.2.3.27.5 Currency <Ccy>

Presence: [0..1]

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

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

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

21.4.2.3.27.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		913
Or	MSISDN <MSISDN>	[1..1]	Text		913
Or	EEmail <EEmail>	[1..1]	Text		913
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	913
Or	BBAN <BBAN>	[1..1]	IdentifierSet		914
Or	UPIC <UPIC>	[1..1]	IdentifierSet		914
Or	Domestic <Dmst>	[1..1]	Text		914
Or}	Other <Othr>	[1..1]	Text		914

21.4.2.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

21.4.2.3.27.6.2 MSISDN <MSISDN>

Presence: [1..1]

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

Datatype: "Max16Text" on page 2380

21.4.2.3.27.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

21.4.2.3.27.6.4 IBAN <IBAN>

Presence: [1..1]

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

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

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

21.4.2.3.27.6.5 BBAN <BBAN>

Presence: [1..1]

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

Datatype: "BBANIdentifier" on page 2375

21.4.2.3.27.6.6 UPIC <UPIC>

Presence: [1..1]

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

Datatype: "UPICIdentifier" on page 2376

21.4.2.3.27.6.7 Domestic <Dmst>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

21.4.2.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

21.4.2.3.27.7 Servicer <Svcr>

Presence: [0..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	915
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		915

21.4.2.3.27.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

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

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

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

21.4.2.3.27.7.2 ProprietaryIdentification <Prtryld>

Presence: [1..1]

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

ProprietaryIdentification <Prtryld> contains the following elements (see "GenericIdentification1" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

21.4.2.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

21.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C12 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

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

21.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

22 caaa.021.001.06

TransactionAdviceResponseV06

22.1 MessageDefinition Functionality

The TransactionAdviceResponse message is sent by the POI to acknowledge the Acquirer (or its agent) about the notification of the transaction advice.

Outline

The TransactionAdviceResponseV06 MessageDefinition is composed of 3 MessageBuildingBlocks:

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

22.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <TxAdvcRspn>	[1..1]			
	Header <Hdr>	[1..1]			919
	MessageFunction <MsgFctn>	[1..1]	CodeSet		919
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		921
	ExchangeIdentification <XchgId>	[1..1]	Quantity		921
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		921
	CreationDateTime <CreDtTm>	[1..1]	DateTime		921
	InitiatingParty <InitgPty>	[1..1]	±		921
	RecipientParty <RcptPty>	[0..1]	±		922
	Traceability <Tracblt>	[0..*]	±		922
	TransactionAdviceResponse <TxAdvcRspn>	[1..1]			923
	Environment <Envt>	[1..1]	±	C3	923
	Transaction <Tx>	[1..1]			929
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		930
	TransactionIdentification <TxId>	[1..1]	±		930
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		930
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		930
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		930
	Response <Rspn>	[1..1]	CodeSet		931
	TMSTrigger <TMSTrggr>	[0..1]			931
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		931
	TMSIdentification <TMSId>	[0..1]	Text		931
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		932
	SupplementaryData <SplmtryData>	[0..*]	±	C4	932
	SecurityTrailer <SctyTrlr>	[0..1]	±		932

22.3 Constraints

C1 ActiveCurrency

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

the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 Country

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

C3 OneElementPresenceRule

At least one of these subelements must be present.

C4 SupplementaryDataRule

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

C5 ValidationByTable

Must be a valid terrestrial language.

22.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

22.4.1 Header <Hdr>

Presence: [1..1]

Definition: Completion advice message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		919
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		921
	ExchangeIdentification <XchgId>	[1..1]	Quantity		921
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		921
	CreationDateTime <CreDtTm>	[1..1]	DateTime		921
	InitiatingParty <InitgPty>	[1..1]	±		921
	RecipientParty <RcptPty>	[0..1]	±		922
	Traceability <Tracblt>	[0..*]	±		922

22.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

22.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

22.4.1.3 ExchangeIdentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

22.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

22.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

22.4.2 TransactionAdviceResponse <TxAdvcRspn>

Presence: [1..1]

Definition: Information related to the transaction advice response.

TransactionAdviceResponse <TxAdvcRspn> contains the following
AcceptorCompletionAdviceResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	923
	Transaction <Tx>	[1..1]			929
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		930
	TransactionIdentification <TxId>	[1..1]	±		930
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		930
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		930
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		930
	Response <Rspn>	[1..1]	CodeSet		931
	TMSTrigger <TMSTrggr>	[0..1]			931
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		931
	TMSIdentification <TMSId>	[0..1]	Text		931
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		932
	SupplementaryData <SplmtryData>	[0..*]	±	C4	932

22.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

22.4.2.2 Transaction <Tx>

Presence: [1..1]

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

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		930
	TransactionIdentification <TxId>	[1..1]	±		930
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		930
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		930
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		930
	Response <Rspn>	[1..1]	CodeSet		931

22.4.2.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

22.4.2.2.2 TransactionIdentification <TxId>

Presence: [1..1]

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

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

22.4.2.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

22.4.2.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

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

Datatype: "Max140Text" on page 2380

22.4.2.2.5 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

22.4.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2363

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

22.4.2.3 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructions for contacting the terminal management host.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		931
	TMSIdentification <TMSId>	[0..1]	Text		931
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		932

22.4.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

22.4.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

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

Datatype: ["Max35Text" on page 2382](#)

22.4.2.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODateTime" on page 2374](#)

22.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: [C4 "SupplementaryDataRule"](#)

SupplementaryData <SplmtryData> contains the following elements (see ["SupplementaryData1" on page 2104](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

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

22.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see ["ContentInformationType37" on page 2302](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

23 caaa.022.001.05

AcceptorNonFinancialRequestV05

23.1 MessageDefinition Functionality

The AcceptorNonFinancialRequest message is sent by the POI to receive additional information from the Acquirer (or its agent).

Outline

The AcceptorNonFinancialRequestV05 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Non Financial request message management information.
- B. NonFinancialRequest
 - Information related to the non financial request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

23.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrNonFinReq>	[1..1]			
	Header <Hdr>	[1..1]			941
	MessageFunction <MsgFctn>	[1..1]	CodeSet		942
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		943
	ExchangeIdentification <XchgId>	[1..1]	Quantity		944
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		944
	CreationDateTime <CreDtTm>	[1..1]	DateTime		944
	InitiatingParty <InitgPty>	[1..1]	±		944
	RecipientParty <RcptPty>	[0..1]	±		944
	Traceability <Tracblt>	[0..*]	±		945
	NonFinancialRequest <NonFinReq>	[1..1]			945
	Environment <Envt>	[1..1]	±	C9	952
	Context <Cntxt>	[1..1]		C10	958
	PaymentContext <PmtCntxt>	[0..1]			961
	CardPresent <CardPres>	[0..1]	Indicator		961
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		961
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		962
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		962
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		962
	TransactionChannel <TxChanl>	[0..1]	CodeSet		962
	BusinessArea <BizArea>	[0..1]	CodeSet		963
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		963
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	963
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		964
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		964
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		965
	SaleContext <SaleCntxt>	[0..1]			965
	SaleIdentification <SaleId>	[0..1]	Text		966
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		966
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		967

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		967
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	967
	ShiftNumber <ShftNb>	[0..1]	Text		967
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		967
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		967
	InvoiceNumber <InvNb>	[0..1]	Text		967
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		968
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			968
	CommonName <CmonNm>	[1..1]	Text		968
	Address <Adr>	[0..1]	Text		968
	CountryCode <CtryCd>	[1..1]	CodeSet		968
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		968
	RegisteredIdentifier <RegIdr>	[1..1]	Text		968
	SplitPayment <SplitPmt>	[0..1]	Indicator		969
	RemainingAmount <RmngAmt>	[0..1]	Amount		969
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		969
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		969
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		969
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		970
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		970
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	970
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		971
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		971
	SystemToNotify <SysToNtfy>	[0..1]	Text		971
	Debtor <Dbtr>	[0..1]	±		972
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	973
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		973
	Creditor <Cdtr>	[0..1]	±		973
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	974
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		975
	DirectDebitContext <DrctDbtCntxt>	[0..1]			975

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		976
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	977
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		978
	Creditor <Cdtr>	[0..1]	±		978
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	979
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		980
	MandateRelatedInformation <MndtRltdInf>	[1..1]			980
	MandateIdentification <MndtId>	[1..1]	Text		981
	DateOfSignature <DtOfSgntr>	[0..1]	Date		981
	MandateImage <MndtImg>	[0..1]	Binary		981
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		981
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			981
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		986
	Transaction <Tx>	[0..1]			986
	TransactionCapture <TxCaptr>	[1..1]	Indicator		990
	TransactionType <TxTp>	[0..1]	CodeSet		991
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		991
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		992
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		993
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		993
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		993
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		993
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		993
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		993
	TransactionIdentification <TxId>	[1..1]	±		994
	OriginalTransaction <OrgnlTx>	[0..1]	±		994
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		994
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		995
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		995
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		995
	TransactionDetails <TxDtls>	[1..1]			995

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	998
	TotalAmount <TtlAmt>	[1..1]	Amount		998
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		998
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		998
	DetailedAmount <DtldAmt>	[0..1]	±		998
	RequestedAmount <ReqdAmt>	[0..1]	Amount		999
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		999
	InvoiceAmount <InvcAmt>	[0..1]	Amount		999
	ValidityDate <VldtyDt>	[0..1]	Date		999
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		999
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1000
	AccountType <AcctTp>	[0..1]	CodeSet		1000
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1001
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1003
	Conversion <Convs>	[0..1]			1003
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1005
	TargetCurrency <TrgtCcy>	[1..1]			1005
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1006
	ExchangeRate <XchgRate>	[1..1]	Rate		1006
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1006
	QuotationDate <QtnDt>	[0..1]	DateTime		1006
	ValidFrom <VldFr>	[0..1]	DateTime		1006
	ValidUntil <VldUntil>	[0..1]	DateTime		1006
	SourceCurrency <SrcCcy>	[1..1]			1006
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1007
	ApplicableBinRange <ApplBinRg>	[0..*]			1007
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008
	OriginalAmount <OrgnlAmt>	[0..1]			1008
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008
	CommissionDetails <ComssnDtls>	[0..*]			1009
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	MarkUpDetails <MrkUpDtls>	[0..*]			1009
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1009
	Instalment <Instlmt>	[0..*]	±		1010
	Recurring <Rcrng>	[0..1]	±		1011
	AggregationTransaction <AggtnTx>	[0..1]	±		1012
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1012
	SaleItem <Saleitm>	[0..*]	±		1012
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1013
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1013
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1013
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1013
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1014
	AdditionalInformation <AddtlInf>	[0..*]			1014
	Identification <Id>	[1..1]	Text		1014
	Value <Val>	[0..1]	Binary		1014
	ProtectedValue <PrctcdVal>	[0..1]	±		1014
	Type <Tp>	[0..1]	Text		1015
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1015

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1015
	AccountFrom <AcctFr>	[0..1]			1015
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1016
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1017
	AccountName <AcctNm>	[0..1]	Text		1017
	AccountOwner <AcctOwnr>	[0..1]			1018
	Name <Nm>	[1..1]	Text		1018
	Address <Adr>	[1..1]	±		1018
	Currency <Ccy>	[0..1]	CodeSet	C1	1018
	AccountIdentifier <AcctIdr>	[0..1]			1019
{Or	Card <Card>	[1..1]	Text		1019
Or	MSISDN <MSISDN>	[1..1]	Text		1019
Or	EMail <EMail>	[1..1]	Text		1019
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1019
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1020
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1020
Or	Domestic <Dmst>	[1..1]	Text		1020
Or}	Other <Othr>	[1..1]	Text		1020
	Servicer <Svcr>	[0..1]			1020
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1021
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1021
	AccountTo <AcctTo>	[0..1]			1021
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1022
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1023
	AccountName <AcctNm>	[0..1]	Text		1023
	AccountOwner <AcctOwnr>	[0..1]			1024
	Name <Nm>	[1..1]	Text		1024
	Address <Adr>	[1..1]	±		1024
	Currency <Ccy>	[0..1]	CodeSet	C1	1024
	AccountIdentifier <AcctIdr>	[0..1]			1025
{Or	Card <Card>	[1..1]	Text		1025

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1025
Or	EEmail <EEmail>	[1..1]	Text		1025
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1025
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1026
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1026
Or	Domestic <Dmst>	[1..1]	Text		1026
Or}	Other <Othr>	[1..1]	Text		1026
	Servicer <Svcr>	[0..1]			1026
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1027
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1027
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1027
	AdditionalRequest <AddtlReq>	[0..8]			1027
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrtctdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1028
	SecurityTrailer <SctyTrlr>	[0..1]	±		1029

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 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

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

C5 CurrencyAmount

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

Note: The decimal separator is a dot.

C6 IBAN

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

C7 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C8 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 OneElementPresenceRule

At least one of these subelements must be present.

C12 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.

C13 ValidationByTable

Must be a valid terrestrial language.

23.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

23.4.1 Header <Hdr>

Presence: [1..1]

Definition: Non Financial request message management information.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		942
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		943
	ExchangeIdentification <XchgId>	[1..1]	Quantity		944
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		944
	CreationDateTime <CreDtTm>	[1..1]	DateTime		944
	InitiatingParty <InitgPty>	[1..1]	±		944
	RecipientParty <RcptPty>	[0..1]	±		944
	Traceability <Tracblt>	[0..*]	±		945

23.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction46Code" on page 2350

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

CodeName	Name	Definition
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

23.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

23.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

23.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

23.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

23.4.2 NonFinancialRequest <NonFinReq>

Presence: [1..1]

Definition: Information related to the non financial request.

NonFinancialRequest <NonFinReq> contains the following **NonFinancialRequestComponent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	952
	Context <Cntxt>	[1..1]		C10	958
	PaymentContext <PmtCntxt>	[0..1]			961
	CardPresent <CardPres>	[0..1]	Indicator		961
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		961
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		962
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		962
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		962
	TransactionChannel <TxChanl>	[0..1]	CodeSet		962
	BusinessArea <BizArea>	[0..1]	CodeSet		963
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		963
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	963
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		964
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		964
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		965
	SaleContext <SaleCntxt>	[0..1]			965
	SaleIdentification <SaleId>	[0..1]	Text		966
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		966
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		967
	CashierIdentification <CshrId>	[0..1]	Text		967
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	967
	ShiftNumber <ShftNb>	[0..1]	Text		967
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		967
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		967
	InvoiceNumber <InvNb>	[0..1]	Text		967
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		968
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			968
	CommonName <CmonNm>	[1..1]	Text		968
	Address <Adr>	[0..1]	Text		968
	CountryCode <CtryCd>	[1..1]	CodeSet		968

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		968
	RegisteredIdentifier <Regdldr>	[1..1]	Text		968
	SplitPayment <Spltpmt>	[0..1]	Indicator		969
	RemainingAmount <RmngAmt>	[0..1]	Amount		969
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		969
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		969
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		969
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		970
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		970
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	970
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		971
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		971
	SystemToNotify <SysToNtfy>	[0..1]	Text		971
	Debtor <Dbtr>	[0..1]	±		972
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	973
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		973
	Creditor <Cdtr>	[0..1]	±		973
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	974
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		975
	DirectDebitContext <DrctDbtCntxt>	[0..1]			975
	Debtor <Dbtr>	[0..1]	±		976
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	977
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		978
	Creditor <Cdtr>	[0..1]	±		978
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	979
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		980
	MandateRelatedInformation <MndtRltdInf>	[1..1]			980
	MandateIdentification <Mndtld>	[1..1]	Text		981
	DateOfSignature <DtOfSgntr>	[0..1]	Date		981
	MandateImage <MndtImg>	[0..1]	Binary		981
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		981

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestContent <NonFinReqCntt>	[1..1]			981
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		986
	Transaction <Tx>	[0..1]			986
	TransactionCapture <TxCaptr>	[1..1]	Indicator		990
	TransactionType <TxTp>	[0..1]	CodeSet		991
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		991
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		992
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		993
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		993
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		993
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		993
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		993
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		993
	TransactionIdentification <TxId>	[1..1]	±		994
	OriginalTransaction <OrgnlTx>	[0..1]	±		994
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		994
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		995
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		995
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		995
	TransactionDetails <TxDtls>	[1..1]			995
	Currency <Ccy>	[0..1]	CodeSet	C1	998
	TotalAmount <TtlAmt>	[1..1]	Amount		998
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		998
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		998
	DetailedAmount <DtldAmt>	[0..1]	±		998
	RequestedAmount <ReqdAmt>	[0..1]	Amount		999
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		999
	InvoiceAmount <InvcAmt>	[0..1]	Amount		999
	ValidityDate <VldtyDt>	[0..1]	Date		999
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		999
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1000

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1000
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1001
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1003
	Conversion <Convs>	[0..1]			1003
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1005
	TargetCurrency <TrgtCcy>	[1..1]			1005
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005
	ResultingAmount <RsltAmt>	[0..1]	Amount		1006
	ExchangeRate <XchgRate>	[1..1]	Rate		1006
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1006
	QuotationDate <QtnDt>	[0..1]	DateTime		1006
	ValidFrom <VldFr>	[0..1]	DateTime		1006
	ValidUntil <VldUntil>	[0..1]	DateTime		1006
	SourceCurrency <SrcCcy>	[1..1]			1006
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007
	Name <Nm>	[0..1]	Text		1007
	ApplicableBinRange <AplblBinRg>	[0..*]			1007
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008
	OriginalAmount <OrgnlAmt>	[0..1]			1008
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008
	CommissionDetails <ComssnDtls>	[0..*]			1009
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1009
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1009
	Instalment <Instlmt>	[0..*]	±		1010
	Recurring <Rcrng>	[0..1]	±		1011
	AggregationTransaction <AggtTx>	[0..1]	±		1012
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1012
	SaleItem <Saleitm>	[0..*]	±		1012
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1013
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1013
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1013
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1013
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1014
	AdditionalInformation <AddtlInf>	[0..*]			1014
	Identification <Id>	[1..1]	Text		1014
	Value <Val>	[0..1]	Binary		1014
	ProtectedValue <PrctcdVal>	[0..1]	±		1014
	Type <Tp>	[0..1]	Text		1015
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1015
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1015
	AccountFrom <AcctFr>	[0..1]			1015
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1016
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1017
	AccountName <AcctNm>	[0..1]	Text		1017
	AccountOwner <AcctOwnr>	[0..1]			1018
	Name <Nm>	[1..1]	Text		1018
	Address <Adr>	[1..1]	±		1018
	Currency <Ccy>	[0..1]	CodeSet	C1	1018
	AccountIdentifier <AcctIdr>	[0..1]			1019
{Or	Card <Card>	[1..1]	Text		1019

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1019
Or	EMail <EMail>	[1..1]	Text		1019
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1019
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1020
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1020
Or	Domestic <Dmst>	[1..1]	Text		1020
Or}	Other <Othr>	[1..1]	Text		1020
	Servicer <Svcr>	[0..1]			1020
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1021
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1021
	AccountTo <AcctTo>	[0..1]			1021
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1022
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1023
	AccountName <AcctNm>	[0..1]	Text		1023
	AccountOwner <AcctOwnr>	[0..1]			1024
	Name <Nm>	[1..1]	Text		1024
	Address <Adr>	[1..1]	±		1024
	Currency <Ccy>	[0..1]	CodeSet	C1	1024
	AccountIdentifier <AcctIdr>	[0..1]			1025
{Or	Card <Card>	[1..1]	Text		1025
Or	MSISDN <MSISDN>	[1..1]	Text		1025
Or	EMail <EMail>	[1..1]	Text		1025
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1025
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1026
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1026
Or	Domestic <Dmst>	[1..1]	Text		1026
Or}	Other <Othr>	[1..1]	Text		1026
	Servicer <Svcr>	[0..1]			1026
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1027
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1027
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1027

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalRequest <AddtlReq>	[0..8]			1027
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrctcdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1028

23.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

23.4.2.2 Context <Cntxt>

Presence: [1..1]

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

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			961
	CardPresent <CardPres>	[0..1]	Indicator		961
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		961
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		962
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		962
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		962
	TransactionChannel <TxChanl>	[0..1]	CodeSet		962
	BusinessArea <BizArea>	[0..1]	CodeSet		963
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		963
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	963
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		964
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		964
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		965
	SaleContext <SaleCntxt>	[0..1]			965
	SaleIdentification <SaleId>	[0..1]	Text		966
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		966
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		967
	CashierIdentification <CshrId>	[0..1]	Text		967
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	967
	ShiftNumber <ShftNb>	[0..1]	Text		967
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		967
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		967
	InvoiceNumber <InvNb>	[0..1]	Text		967
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		968
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			968
	CommonName <CmonNm>	[1..1]	Text		968
	Address <Adr>	[0..1]	Text		968
	CountryCode <CtryCd>	[1..1]	CodeSet		968
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		968
	RegisteredIdentifier <Regldr>	[1..1]	Text		968
	SplitPayment <SpltPmt>	[0..1]	Indicator		969

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		969
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		969
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		969
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		969
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		970
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		970
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	970
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		971
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		971
	SystemToNotify <SysToNtfy>	[0..1]	Text		971
	Debtor <Dbtr>	[0..1]	±		972
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	973
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		973
	Creditor <Cdtr>	[0..1]	±		973
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	974
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		975
	DirectDebitContext <DrctDbtCntxt>	[0..1]			975
	Debtor <Dbtr>	[0..1]	±		976
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	977
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		978
	Creditor <Cdtr>	[0..1]	±		978
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	979
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		980
	MandateRelatedInformation <MndtRltdInf>	[1..1]			980
	MandateIdentification <Mndtld>	[1..1]	Text		981
	DateOfSignature <DtOfSgntr>	[0..1]	Date		981
	MandateImage <Mndtlmg>	[0..1]	Binary		981
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		981

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

23.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		961
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		961
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		962
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		962
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		962
	TransactionChannel <TxChanl>	[0..1]	CodeSet		962
	BusinessArea <BizArea>	[0..1]	CodeSet		963
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		963
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	963
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		964
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		964
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		965

23.4.2.2.1.1 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 2376](#)):

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

23.4.2.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

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

23.4.2.2.1.3 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 2376):

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

23.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

23.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

23.4.2.2.1.6 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 2370

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.

23.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

23.4.2.2.1.8 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 2376):

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

23.4.2.2.1.9 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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

23.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

23.4.2.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

23.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

23.4.2.2.2 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		966
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		966
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		967
	CashierIdentification <CshrId>	[0..1]	Text		967
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	967
	ShiftNumber <ShftNb>	[0..1]	Text		967
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		967
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		967
	InvoiceNumber <InvcNb>	[0..1]	Text		967
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		968
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			968
	CommonName <CmonNm>	[1..1]	Text		968
	Address <Adr>	[0..1]	Text		968
	CountryCode <CtryCd>	[1..1]	CodeSet		968
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		968
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		968
	SplitPayment <Spltpmt>	[0..1]	Indicator		969
	RemainingAmount <RmngAmt>	[0..1]	Amount		969
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		969
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		969
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		969
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		970
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		970

23.4.2.2.2.1 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 2382

23.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

23.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

23.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2382

23.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

23.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

23.4.2.2.2.7 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 2376):

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

23.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

23.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

23.4.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

23.4.2.2.2.11 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		968
	Address <Adr>	[0..1]	Text		968
	CountryCode <CtryCd>	[1..1]	CodeSet		968
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		968
	RegisteredIdentifier <Regldr>	[1..1]	Text		968

23.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

23.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

23.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

23.4.2.2.2.11.4 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 2385

23.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

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

Datatype: "Max35Text" on page 2382

23.4.2.2.2.12 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 2376):

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

23.4.2.2.2.13 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 2313

23.4.2.2.2.14 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 2376):

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

23.4.2.2.2.15 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 2376):

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

23.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

23.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

23.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

23.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		971
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		971
	SystemToNotify <SysToNtfy>	[0..1]	Text		971
	Debtor <Dbtr>	[0..1]	±		972
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	973
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		973
	Creditor <Cdtr>	[0..1]	±		973
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	974
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		975

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

23.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

23.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

23.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

23.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

23.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

23.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

23.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

23.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

23.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

23.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		976
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	977
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		978
	Creditor <Cdtr>	[0..1]	±		978
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	979
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		980
	MandateRelatedInformation <MndtRltdInf>	[1..1]			980
	MandateIdentification <MndtId>	[1..1]	Text		981
	DateOfSignature <DtOfSgntr>	[0..1]	Date		981
	MandateImage <MndtImg>	[0..1]	Binary		981
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		981

23.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "[PartyIdentification272](#)" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

23.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: [C8 "IdentificationOrProxyPresenceRule"](#), [C7 "IdentificationAndProxyGuideline"](#)

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

23.4.2.2.4.3 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

23.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

23.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

23.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

23.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		981
	DateOfSignature <DtOfSgntr>	[0..1]	Date		981
	MandateImage <MndtImg>	[0..1]	Binary		981
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		981

23.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

23.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

23.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

23.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

23.4.2.3 NonFinancialRequestContent <NonFinReqCntt>

Presence: [1..1]

Definition: Aim of the non financial request.

NonFinancialRequestContent <NonFinReqCntt> contains the following
NonFinancialRequestContentComponent5 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..*]	CodeSet		986
	Transaction <Tx>	[0..1]			986
	TransactionCapture <TxCaptr>	[1..1]	Indicator		990
	TransactionType <TxTp>	[0..1]	CodeSet		991
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		991
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		992
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		993
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		993
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		993
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		993
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		993
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		993
	TransactionIdentification <TxId>	[1..1]	±		994
	OriginalTransaction <OrgnlTx>	[0..1]	±		994
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		994
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		995
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		995
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		995
	TransactionDetails <TxDtls>	[1..1]			995
	Currency <Ccy>	[0..1]	CodeSet	C1	998
	TotalAmount <TtlAmt>	[1..1]	Amount		998
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		998
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		998
	DetailedAmount <DtldAmt>	[0..1]	±		998
	RequestedAmount <ReqdAmt>	[0..1]	Amount		999
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		999
	InvoiceAmount <InvcAmt>	[0..1]	Amount		999
	ValidityDate <VldtyDt>	[0..1]	Date		999
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		999
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1000

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1000
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1001
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1003
	Conversion <Convs>	[0..1]			1003
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1005
	TargetCurrency <TrgtCcy>	[1..1]			1005
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1006
	ExchangeRate <XchgRate>	[1..1]	Rate		1006
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1006
	QuotationDate <QtnDt>	[0..1]	DateTime		1006
	ValidFrom <VldFr>	[0..1]	DateTime		1006
	ValidUntil <VldUntil>	[0..1]	DateTime		1006
	SourceCurrency <SrcCcy>	[1..1]			1006
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007
	Name <Nm>	[0..1]	Text		1007
	ApplicableBinRange <AplblBinRg>	[0..*]			1007
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008
	OriginalAmount <OrgnlAmt>	[0..1]			1008
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008
	CommissionDetails <ComssnDtls>	[0..*]			1009
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1009
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1009
	Instalment <Instlmt>	[0..*]	±		1010
	Recurring <Rcrng>	[0..1]	±		1011
	AggregationTransaction <AggtnTx>	[0..1]	±		1012
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1012
	SaleItem <Saleitm>	[0..*]	±		1012
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1013
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1013
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1013
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1013
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1014
	AdditionalInformation <AddtlInf>	[0..*]			1014
	Identification <Id>	[1..1]	Text		1014
	Value <Val>	[0..1]	Binary		1014
	ProtectedValue <PrctcdVal>	[0..1]	±		1014
	Type <Tp>	[0..1]	Text		1015
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1015
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1015
	AccountFrom <AcctFr>	[0..1]			1015
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1016
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1017
	AccountName <AcctNm>	[0..1]	Text		1017
	AccountOwner <AcctOwnr>	[0..1]			1018
	Name <Nm>	[1..1]	Text		1018
	Address <Adr>	[1..1]	±		1018
	Currency <Ccy>	[0..1]	CodeSet	C1	1018
	AccountIdentifier <AcctIdr>	[0..1]			1019
{Or	Card <Card>	[1..1]	Text		1019

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1019
Or	Email <EMail>	[1..1]	Text		1019
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1019
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1020
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1020
Or	Domestic <Dmst>	[1..1]	Text		1020
Or}	Other <Othr>	[1..1]	Text		1020
	Servicer <Svcr>	[0..1]			1020
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1021
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1021
	AccountTo <AcctTo>	[0..1]			1021
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1022
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1023
	AccountName <AcctNm>	[0..1]	Text		1023
	AccountOwner <AcctOwnr>	[0..1]			1024
	Name <Nm>	[1..1]	Text		1024
	Address <Adr>	[1..1]	±		1024
	Currency <Ccy>	[0..1]	CodeSet	C1	1024
	AccountIdentifier <AcctIdr>	[0..1]			1025
{Or	Card <Card>	[1..1]	Text		1025
Or	MSISDN <MSISDN>	[1..1]	Text		1025
Or	Email <EMail>	[1..1]	Text		1025
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1025
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1026
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1026
Or	Domestic <Dmst>	[1..1]	Text		1026
Or}	Other <Othr>	[1..1]	Text		1026
	Servicer <Svcr>	[0..1]			1026
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1027
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1027
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1027

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalRequest <AddtlReq>	[0..8]			1027
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrctcdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028

23.4.2.3.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..*]

Definition: Type of non financial request that the Acceptor wants to be processed.

Datatype: "NonFinancialRequestType2Code" on page 2352

CodeName	Name	Definition
ACQR	AcquirerSelection	According to several parameters of a transaction, an Intermediary Agent helps an Acceptor to identify the more relevant Acquirer to process the transaction.
PARQ	ParRequest	The Intermediary Agent or Acquirer provides the PaymentAccountReference to use to process the transaction.
RISK	RiskManagement	The Intermediary Agent or Acquirer helps the Acceptor to assess the risk management of the transaction.
TOKN	TokenRequest	The Intermediary Agent or Acquirer provides the token to use to process the transaction.
ADDR	AdditionalRequest	Indicates a request which implies to receive additional information.
INSM	InstalmentPlanRequest	Request to receive acquirer instalment plans.

23.4.2.3.2 Transaction <Tx>

Presence: [0..1]

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

Transaction <Tx> contains the following **CardPaymentTransaction139** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		990
	TransactionType <TxTp>	[0..1]	CodeSet		991
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		991
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		992
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		993
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		993
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		993
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		993
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		993
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		993
	TransactionIdentification <TxId>	[1..1]	±		994
	OriginalTransaction <OrgnlTx>	[0..1]	±		994
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		994
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		995
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		995
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		995
	TransactionDetails <TxDtls>	[1..1]			995
	Currency <Ccy>	[0..1]	CodeSet	C1	998
	TotalAmount <TtlAmt>	[1..1]	Amount		998
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		998
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		998
	DetailedAmount <DtlAmt>	[0..1]	±		998
	RequestedAmount <ReqdAmt>	[0..1]	Amount		999
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		999
	InvoiceAmount <InvAmt>	[0..1]	Amount		999
	ValidityDate <VldtyDt>	[0..1]	Date		999
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		999
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1000
	AccountType <AcctTp>	[0..1]	CodeSet		1000
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1001
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1003

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Conv>	[0..1]			1003
	CurrencyConversionIdentification <CcyConvsl>	[0..1]	Text		1005
	TargetCurrency <TrgtCcy>	[1..1]			1005
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005
	ResultingAmount <RsltAmt>	[0..1]	Amount		1006
	ExchangeRate <XchgRate>	[1..1]	Rate		1006
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1006
	QuotationDate <QtnDt>	[0..1]	DateTime		1006
	ValidFrom <VldFr>	[0..1]	DateTime		1006
	ValidUntil <VldUntil>	[0..1]	DateTime		1006
	SourceCurrency <SrcCcy>	[1..1]			1006
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007
	Name <Nm>	[0..1]	Text		1007
	ApplicableBinRange <AplblBinRg>	[0..*]			1007
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008
	OriginalAmount <OrgnlAmt>	[0..1]			1008
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008
	CommissionDetails <ComssnDtls>	[0..*]			1009
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	MarkUpDetails <MrkUpDtls>	[0..*]			1009
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1009
	Instalment <Instlmt>	[0..*]	±		1010
	Recurring <Rcrng>	[0..1]	±		1011
	AggregationTransaction <AggtnTx>	[0..1]	±		1012
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1012
	SaleItem <Saleitm>	[0..*]	±		1012
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1013
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1013
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1013
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1013
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1014
	AdditionalInformation <AddtlInf>	[0..*]			1014
	Identification <Id>	[1..1]	Text		1014
	Value <Val>	[0..1]	Binary		1014
	ProtectedValue <PrctcdVal>	[0..1]	±		1014
	Type <Tp>	[0..1]	Text		1015
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1015
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1015
	AccountFrom <AcctFr>	[0..1]			1015
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1016
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1017
	AccountName <AcctNm>	[0..1]	Text		1017
	AccountOwner <AcctOwnr>	[0..1]			1018
	Name <Nm>	[1..1]	Text		1018
	Address <Adr>	[1..1]	±		1018
	Currency <Ccy>	[0..1]	CodeSet	C1	1018
	AccountIdentifier <Acctldr>	[0..1]			1019
{Or	Card <Card>	[1..1]	Text		1019
Or	MSISDN <MSISDN>	[1..1]	Text		1019
Or	EMail <EMail>	[1..1]	Text		1019
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1019

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1020
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1020
Or	Domestic <Dmst>	[1..1]	Text		1020
Or}	Other <Othr>	[1..1]	Text		1020
	Servicer <Svcr>	[0..1]			1020
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1021
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1021
	AccountTo <AcctTo>	[0..1]			1021
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1022
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1023
	AccountName <AcctNm>	[0..1]	Text		1023
	AccountOwner <AcctOwnr>	[0..1]			1024
	Name <Nm>	[1..1]	Text		1024
	Address <Adr>	[1..1]	±		1024
	Currency <Ccy>	[0..1]	CodeSet	C1	1024
	AccountIdentifier <AcctIdr>	[0..1]			1025
{Or	Card <Card>	[1..1]	Text		1025
Or	MSISDN <MSISDN>	[1..1]	Text		1025
Or	EMail <EMail>	[1..1]	Text		1025
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1025
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1026
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1026
Or	Domestic <Dmst>	[1..1]	Text		1026
Or}	Other <Othr>	[1..1]	Text		1026
	Servicer <Svcr>	[0..1]			1026
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1027
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1027
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1027

23.4.2.3.2.1 TransactionCapture <TxCaptr>

Presence: [1..1]

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

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

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

23.4.2.3.2.2 TransactionType <TxTp>

Presence: [0..1]

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

Datatype: "CardPaymentServiceType12Code" on page 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

23.4.2.3.2.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

23.4.2.3.2.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

23.4.2.3.2.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

23.4.2.3.2.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: ["Min3Max4Text" on page 2385](#)

23.4.2.3.2.7 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

23.4.2.3.2.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: ["Max35Text" on page 2382](#)

23.4.2.3.2.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: ["Max35Text" on page 2382](#)

23.4.2.3.2.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: ["Max35Text" on page 2382](#)

23.4.2.3.2.11 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction assigned by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentifier1](#)" on [page 2111](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

23.4.2.3.2.12 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction138](#)" on [page 1747](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

23.4.2.3.2.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.14 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.15 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2380

23.4.2.3.2.16 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2380

23.4.2.3.2.17 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	998
	TotalAmount <TtlAmt>	[1..1]	Amount		998
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		998
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		998
	DetailedAmount <DtldAmt>	[0..1]	±		998
	RequestedAmount <ReqdAmt>	[0..1]	Amount		999
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		999
	InvoiceAmount <InvcAmt>	[0..1]	Amount		999
	ValidityDate <VldtyDt>	[0..1]	Date		999
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		999
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1000
	AccountType <AcctTp>	[0..1]	CodeSet		1000
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1001
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1003
	Conversion <Convs>	[0..1]			1003
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1005
	TargetCurrency <TrgtCcy>	[1..1]			1005
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1006
	ExchangeRate <XchgRate>	[1..1]	Rate		1006
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1006
	QuotationDate <QtnDt>	[0..1]	DateTime		1006
	ValidFrom <VldFr>	[0..1]	DateTime		1006
	ValidUntil <VldUntil>	[0..1]	DateTime		1006
	SourceCurrency <SrcCcy>	[1..1]			1006
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1007
	ApplicableBinRange <AplblBinRg>	[0..*]			1007
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008
	OriginalAmount <OrgnlAmt>	[0..1]			1008
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008
	CommissionDetails <ComssnDtls>	[0..*]			1009
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	MarkUpDetails <MrkUpDtls>	[0..*]			1009
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	DeclarationDetails <DclrtDtls>	[0..*]	±		1009
	Instalment <Instlmt>	[0..*]	±		1010
	Recurring <Rcrng>	[0..1]	±		1011
	AggregationTransaction <AggtTx>	[0..1]	±		1012
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1012
	SaleItem <Saleitm>	[0..*]	±		1012
	DeliveryLocation <DivryLctn>	[0..1]	Text		1013
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1013
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1013
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1013
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1014
	AdditionalInformation <AddtlInf>	[0..*]			1014
	Identification <Id>	[1..1]	Text		1014
	Value <Val>	[0..1]	Binary		1014
	ProtectedValue <PrctcdVal>	[0..1]	±		1014
	Type <Tp>	[0..1]	Text		1015
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1015

23.4.2.3.2.17.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

23.4.2.3.2.17.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

23.4.2.3.2.17.5 DetailedAmount <DtldAmt>

Presence: [0..1]

Definition: Detailed amounts associated with the total amount of transaction.

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

23.4.2.3.2.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

23.4.2.3.2.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

23.4.2.3.2.17.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

23.4.2.3.2.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

23.4.2.3.2.17.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1003
	Conversion <Convs>	[0..1]			1003
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1005
	TargetCurrency <TrgtCcy>	[1..1]			1005
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1006
	ExchangeRate <XchgRate>	[1..1]	Rate		1006
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1006
	QuotationDate <QtnDt>	[0..1]	DateTime		1006
	ValidFrom <VldFr>	[0..1]	DateTime		1006
	ValidUntil <VldUntil>	[0..1]	DateTime		1006
	SourceCurrency <SrcCcy>	[1..1]			1006
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007
	Name <Nm>	[0..1]	Text		1007
	ApplicableBinRange <AplblBinRg>	[0..*]			1007
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008
	OriginalAmount <OrgnlAmt>	[0..1]			1008
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008
	CommissionDetails <ComssnDtls>	[0..*]			1009
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	MarkUpDetails <MrkUpDtls>	[0..*]			1009

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1009

23.4.2.3.2.17.13.1 AcceptedByCardholder <AcctdByCrdhldr>

Presence: [0..1]

Definition: True if the cardholder has accepted the currency conversion that the acquirer has proposed.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

23.4.2.3.2.17.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1005
	TargetCurrency <TrgtCcy>	[1..1]			1005
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005
	ResultingAmount <RsltAmt>	[0..1]	Amount		1006
	ExchangeRate <XchgRate>	[1..1]	Rate		1006
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1006
	QuotationDate <QtnDt>	[0..1]	DateTime		1006
	ValidFrom <VldFr>	[0..1]	DateTime		1006
	ValidUntil <VldUntil>	[0..1]	DateTime		1006
	SourceCurrency <SrcCcy>	[1..1]			1006
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007
	Name <Nm>	[0..1]	Text		1007
	ApplicableBinRange <AplBlBinRg>	[0..*]			1007
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008
	OriginalAmount <OrgnlAmt>	[0..1]			1008
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008
	CommissionDetails <ComssnDtls>	[0..*]			1009
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	MarkUpDetails <MrkUpDtls>	[0..*]			1009
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009
	DeclarationDetails <DclrtDtls>	[0..*]	±		1009

23.4.2.3.2.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.17.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1005
	NumericCode <NmrcCd>	[1..1]	Text		1005
	Decimal <Dcml>	[1..1]	Quantity		1005
	Name <Nm>	[0..1]	Text		1005

23.4.2.3.2.17.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

23.4.2.3.2.17.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

23.4.2.3.2.17.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

23.4.2.3.2.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.17.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2378

23.4.2.3.2.17.13.2.5 InvertedExchangeRate <NvrtXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2378

23.4.2.3.2.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

23.4.2.3.2.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

23.4.2.3.2.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

23.4.2.3.2.17.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1007
	NumericCode <NmrcCd>	[0..1]	Text		1007
	Decimal <Dcml>	[0..1]	Quantity		1007
	Name <Nm>	[0..1]	Text		1007

23.4.2.3.2.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

23.4.2.3.2.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

23.4.2.3.2.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

23.4.2.3.2.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.17.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <AplblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1008
	HigherBin <HghrBin>	[1..1]	Text		1008

23.4.2.3.2.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

23.4.2.3.2.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

23.4.2.3.2.17.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1008
	MinimumAmount <MinAmt>	[0..1]	Amount		1008
	MaximumAmount <MaxAmt>	[0..1]	Amount		1008

23.4.2.3.2.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009

23.4.2.3.2.17.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

23.4.2.3.2.17.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1009
	AdditionalInformation <AddtlInf>	[0..1]	Text		1009

23.4.2.3.2.17.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

23.4.2.3.2.17.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

23.4.2.3.2.17.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

23.4.2.3.2.17.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

23.4.2.3.2.17.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

23.4.2.3.2.17.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Lab>	[0..1]	Text		2088

23.4.2.3.2.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

23.4.2.3.2.17.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

23.4.2.3.2.17.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.17.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

23.4.2.3.2.17.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

23.4.2.3.2.17.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

23.4.2.3.2.17.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

23.4.2.3.2.17.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1014
	Value <Val>	[0..1]	Binary		1014
	ProtectedValue <PrtctdVal>	[0..1]	±		1014
	Type <Tp>	[0..1]	Text		1015

23.4.2.3.2.17.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

23.4.2.3.2.17.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

23.4.2.3.2.17.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

23.4.2.3.2.17.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

23.4.2.3.2.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

23.4.2.3.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "[Max70Text](#)" on page 2384

23.4.2.3.2.19 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Information relevant to the account where the money is taken from.

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1016
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1017
	AccountName <AcctNm>	[0..1]	Text		1017
	AccountOwner <AcctOwnr>	[0..1]			1018
	Name <Nm>	[1..1]	Text		1018
	Address <Adr>	[1..1]	±		1018
	Currency <Ccy>	[0..1]	CodeSet	C1	1018
	AccountIdentifier <AcctIdr>	[0..1]			1019
{Or	Card <Card>	[1..1]	Text		1019
Or	MSISDN <MSISDN>	[1..1]	Text		1019
Or	EMail <EMail>	[1..1]	Text		1019
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1019
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1020
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1020
Or	Domestic <Dmst>	[1..1]	Text		1020
Or}	Other <Othr>	[1..1]	Text		1020
	Servicer <Svcr>	[0..1]			1020
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1021
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1021

23.4.2.3.2.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

23.4.2.3.2.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

23.4.2.3.2.19.3 AccountName <AcctNm>

Presence: [0..1]

Definition: Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

Datatype: "Max70Text" on page 2384

23.4.2.3.2.19.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

AccountOwner <AcctOwnr> contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1018
	Address <Adr>	[1..1]	±		1018

23.4.2.3.2.19.4.1 Name <Nm>

Presence: [1..1]

Definition: Name by which a party is known and is usually used to identify that identity.

Datatype: "Max70Text" on page 2384

23.4.2.3.2.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

23.4.2.3.2.19.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

23.4.2.3.2.19.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

Definition: Unique identifier of the account, as assigned by the account servicer.

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1019
Or	MSISDN <MSISDN>	[1..1]	Text		1019
Or	EEmail <EEmail>	[1..1]	Text		1019
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1019
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1020
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1020
Or	Domestic <Dmst>	[1..1]	Text		1020
Or}	Other <Othr>	[1..1]	Text		1020

23.4.2.3.2.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

23.4.2.3.2.19.6.2 MSISDN <MSISDN>

Presence: [1..1]

Definition: Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

Datatype: "Max16Text" on page 2380

23.4.2.3.2.19.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

23.4.2.3.2.19.6.4 IBAN <IBAN>

Presence: [1..1]

Definition: International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

23.4.2.3.2.19.6.5 BBAN <BBAN>

Presence: [1..1]

Definition: Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

Datatype: "BBANIdentifier" on page 2375

23.4.2.3.2.19.6.6 UPIC <UPIC>

Presence: [1..1]

Definition: Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

Datatype: "UPICIdentifier" on page 2376

23.4.2.3.2.19.6.7 Domestic <Dmst>

Presence: [1..1]

Definition: Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.19.7 Servicer <Svcr>

Presence: [0..1]

Definition: Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

Servicer <Svcr> contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1021
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1021

23.4.2.3.2.19.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

23.4.2.3.2.19.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

Definition: Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

ProprietaryIdentification <PrtryId> contains the following elements (see "[GenericIdentification1](#)" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

23.4.2.3.2.20 AccountTo <AcctTo>

Presence: [0..1]

Definition: Information relevant to the account where the money is put.

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1022
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1023
	AccountName <AcctNm>	[0..1]	Text		1023
	AccountOwner <AcctOwnr>	[0..1]			1024
	Name <Nm>	[1..1]	Text		1024
	Address <Adr>	[1..1]	±		1024
	Currency <Ccy>	[0..1]	CodeSet	C1	1024
	AccountIdentifier <AcctIdr>	[0..1]			1025
{Or	Card <Card>	[1..1]	Text		1025
Or	MSISDN <MSISDN>	[1..1]	Text		1025
Or	EMail <EMail>	[1..1]	Text		1025
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1025
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1026
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1026
Or	Domestic <Dmst>	[1..1]	Text		1026
Or}	Other <Othr>	[1..1]	Text		1026
	Servicer <Svcr>	[0..1]			1026
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1027
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1027

23.4.2.3.2.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

23.4.2.3.2.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

23.4.2.3.2.20.3 AccountName <AcctNm>

Presence: [0..1]

Definition: Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

Datatype: "Max70Text" on page 2384

23.4.2.3.2.20.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

AccountOwner <AcctOwnr> contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1024
	Address <Adr>	[1..1]	±		1024

23.4.2.3.2.20.4.1 Name <Nm>

Presence: [1..1]

Definition: Name by which a party is known and is usually used to identify that identity.

Datatype: "Max70Text" on page 2384

23.4.2.3.2.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

23.4.2.3.2.20.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

23.4.2.3.2.20.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

Definition: Unique identifier of the account, as assigned by the account servicer.

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1025
Or	MSISDN <MSISDN>	[1..1]	Text		1025
Or	EEmail <EEmail>	[1..1]	Text		1025
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1025
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1026
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1026
Or	Domestic <Dmst>	[1..1]	Text		1026
Or}	Other <Othr>	[1..1]	Text		1026

23.4.2.3.2.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

23.4.2.3.2.20.6.2 MSISDN <MSISDN>

Presence: [1..1]

Definition: Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

Datatype: "Max16Text" on page 2380

23.4.2.3.2.20.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

23.4.2.3.2.20.6.4 IBAN <IBAN>

Presence: [1..1]

Definition: International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

23.4.2.3.2.20.6.5 BBAN <BBAN>

Presence: [1..1]

Definition: Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

Datatype: "BBANIdentifier" on page 2375

23.4.2.3.2.20.6.6 UPIC <UPIC>

Presence: [1..1]

Definition: Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

Datatype: "UPICIdentifier" on page 2376

23.4.2.3.2.20.6.7 Domestic <Dmst>

Presence: [1..1]

Definition: Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

23.4.2.3.2.20.7 Servicer <Svcr>

Presence: [0..1]

Definition: Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

Servicer <Svcr> contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1027
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1027

23.4.2.3.2.20.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

23.4.2.3.2.20.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

Definition: Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

ProprietaryIdentification <PrtryId> contains the following elements (see "[GenericIdentification1](#)" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

23.4.2.3.2.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

23.4.2.3.3 AdditionalRequest <AddtlReq>

Presence: [0..8]

Definition: Additional elements requested to the ServiceProvider which are not linked to payment.

AdditionalRequest <AddtlReq> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1028
	Value <Val>	[0..1]	Binary		1028
	ProtectedValue <PrctcdVal>	[0..1]	±		1028
	Type <Tp>	[0..1]	Text		1028

23.4.2.3.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

23.4.2.3.3.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

23.4.2.3.3.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

23.4.2.3.3.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "Max1025Text" on page 2379

23.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information incorporated as an extension to the message.

Impacted by: C12 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

23.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

24 caaa.023.001.05 AcceptorNonFinancialResponseV05

24.1 MessageDefinition Functionality

The AcceptorNonFinancialResponse message is sent by the Acquirer (or its Agent) to the POI to provide additional information.

Outline

The AcceptorNonFinancialResponseV05 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Non Financial response message management information.
- B. NonFinancialResponse
Information related to the non financial response.
- C. SecurityTrailer
Trailer of the message containing a MAC.

24.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrNonFinRspn>	[1..1]			
	Header <Hdr>	[1..1]			1032
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1033
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1034
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1035
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1035
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1035
	InitiatingParty <InitgPty>	[1..1]	±		1035
	RecipientParty <RcptPty>	[0..1]	±		1035
	Traceability <Tracblt>	[0..*]	±		1036
	NonFinancialResponse <NonFinRspn>	[1..1]			1036
	Environment <Envt>	[1..1]	±	C3	1037
	ResponseContent <RspnCnnt>	[1..*]			1043
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		1044
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		1045
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		1045
	Instalment <Instlmt>	[0..*]	±		1045
	AdditionalResponse <AddtlRspn>	[0..*]			1046
	Identification <Id>	[1..1]	Text		1046
	Value <Val>	[0..1]	Binary		1046
	ProtectedValue <PrtctdVal>	[0..1]	±		1046
	Type <Tp>	[0..1]	Text		1046
	Action <Actn>	[0..*]			1047
	ActionType <ActnTp>	[1..1]	CodeSet		1047
	MessageToPresent <MsgToPres>	[0..1]	±		1048
	RemoteAccess <RmotAccs>	[0..1]	±		1049
	Retry <Rtry>	[0..1]	±		1050
	TimeCondition <TmCond>	[0..1]	±		1050
	Response <Rspn>	[1..1]	±		1050
	Response <Rspn>	[1..1]	±		1050

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1051
	SecurityTrailer <SctyTrlr>	[0..1]	±		1051

24.3 Constraints

C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

C3 OneElementPresenceRule

At least one of these subelements must be present.

C4 SupplementaryDataRule

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

C5 ValidationByTable

Must be a valid terrestrial language.

24.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

24.4.1 Header <Hdr>

Presence: [1..1]

Definition: Non Financial response message management information.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1033
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1034
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1035
	ReTransmissionCounter <ReTrnsmssnCntnr>	[0..1]	Text		1035
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1035
	InitiatingParty <InitgPty>	[1..1]	±		1035
	RecipientParty <RcptPty>	[0..1]	±		1035
	Traceability <Tracblt>	[0..*]	±		1036

24.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "MessageFunction46Code" on page 2350

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.

CodeName	Name	Definition
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

24.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

24.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

24.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

24.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

24.4.2 NonFinancialResponse <NonFinRspn>

Presence: [1..1]

Definition: Information related to the non financial response.

NonFinancialResponse <NonFinRspn> contains the following **NonFinancialResponseComponent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1037
	ResponseContent <RspnCntt>	[1..*]			1043
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		1044
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		1045
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		1045
	Instalment <Instlmt>	[0..*]	±		1045
	AdditionalResponse <AddtlRspn>	[0..*]			1046
	Identification <Id>	[1..1]	Text		1046
	Value <Val>	[0..1]	Binary		1046
	ProtectedValue <PrctcdVal>	[0..1]	±		1046
	Type <Tp>	[0..1]	Text		1046
	Action <Actn>	[0..*]			1047
	ActionType <ActnTp>	[1..1]	CodeSet		1047
	MessageToPresent <MsgToPres>	[0..1]	±		1048
	RemoteAccess <RmotAccs>	[0..1]	±		1049
	Retry <Rtry>	[0..1]	±		1050
	TimeCondition <TmCond>	[0..1]	±		1050
	Response <Rspn>	[1..1]	±		1050
	Response <Rspn>	[1..1]	±		1050
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1051

24.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

24.4.2.2 ResponseContent <RspnCnnt>

Presence: [1..*]

Definition: Response of the non financial request.

ResponseContent <RspnCnnt> contains the following **NonFinancialResponseContentComponent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonFinancialRequestType <NonFinReqTp>	[1..1]	CodeSet		1044
	AcquirerSelected <AcqrrSelctd>	[0..1]	±		1045
	RiskManagementResult <RskMgmtRslt>	[0..1]	CodeSet		1045
	Instalment <Instlmt>	[0..*]	±		1045
	AdditionalResponse <AddtlRspn>	[0..*]			1046
	Identification <Id>	[1..1]	Text		1046
	Value <Val>	[0..1]	Binary		1046
	ProtectedValue <PrtctdVal>	[0..1]	±		1046
	Type <Tp>	[0..1]	Text		1046
	Action <Actn>	[0..*]			1047
	ActionType <ActnTp>	[1..1]	CodeSet		1047
	MessageToPresent <MsgToPres>	[0..1]	±		1048
	RemoteAccess <RmotAccs>	[0..1]	±		1049
	Retry <Rtry>	[0..1]	±		1050
	TimeCondition <TmCond>	[0..1]	±		1050
	Response <Rspn>	[1..1]	±		1050

24.4.2.2.1 NonFinancialRequestType <NonFinReqTp>

Presence: [1..1]

Definition: Type of non financial request that the Acquirer processed.

Datatype: "NonFinancialRequestType2Code" on page 2352

CodeName	Name	Definition
ACQR	AcquirerSelection	According to several parameters of a transaction, an Intermediary Agent helps an Acceptor to identify the more relevant Acquirer to process the transaction.
PARQ	ParRequest	The Intermediary Agent or Acquirer provides the PaymentAccountReference to use to process the transaction.
RISK	RiskManagement	The Intermediary Agent or Acquirer helps the Acceptor to assess the risk management of the transaction.
TOKN	TokenRequest	The Intermediary Agent or Acquirer provides the token to use to process the transaction.

CodeName	Name	Definition
ADDR	AdditionalRequest	Indicates a request which implies to receive additional information.
INSM	InstalmentPlanRequest	Request to receive acquirer instalment plans.

24.4.2.2.2 AcquirerSelected <AcqrrSelctd>

Presence: [0..1]

Definition: Identification of the most relevant Acquirer to process the transaction.

AcquirerSelected <AcqrrSelctd> contains the following elements (see "[Acquirer10](#)" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1739
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1740

24.4.2.2.3 RiskManagementResult <RskMgmtRslt>

Presence: [0..1]

Definition: Advice from the Acquirer (or its Agent) to the POI to manage risk.

Datatype: "[NonFinancialResponseRisk1Code](#)" on page 2353

CodeName	Name	Definition
DECL	Decline	A decline of the transaction is expected by the POI to manage risk.
NCHG	LocallyManaged	The POI is able to assess the risk by himself.
ONLN	RequestOnline	An authorisation is expected from the POI to manage risk.

24.4.2.2.4 Instalment <Instlmt>

Presence: [0..*]

Definition: Details of instalment supported by the Service Provider.

Instalment <Instlmt> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

24.4.2.2.5 AdditionalResponse <AddtlRspn>

Presence: [0..*]

Definition: Additional elements sent by the ServiceProvider which are not linked to payment.

AdditionalResponse <AddtlRspn> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1046
	Value <Val>	[0..1]	Binary		1046
	ProtectedValue <PrctcdVal>	[0..1]	±		1046
	Type <Tp>	[0..1]	Text		1046

24.4.2.2.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

24.4.2.2.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

24.4.2.2.5.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

24.4.2.2.5.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "Max1025Text" on page 2379

24.4.2.2.6 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed by the POI (Point Of Interaction) system.

Action <Actn> contains the following **Action17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1047
	MessageToPresent <MsgToPres>	[0..1]	±		1048
	RemoteAccess <RmotAccs>	[0..1]	±		1049
	Retry <Rtry>	[0..1]	±		1050
	TimeCondition <TmCond>	[0..1]	±		1050

24.4.2.2.6.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Type of action to be performed by the POI (Point Of Interaction) system.

Datatype: "ActionType15Code" on page 2315

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the

CodeName	Name	Definition
		ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

24.4.2.2.6.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

24.4.2.2.6.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2216 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

24.4.2.2.6.4 Retry <Rtry>

Presence: [0..1]

Definition: Definition of retry process if activation of an action fails.

Retry <Rtry> contains the following elements (see "ProcessRetry3" on page 2305 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2305
	MaximumNumber <MaxNb>	[0..1]	Quantity		2305
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2305

24.4.2.2.6.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "ProcessTiming6" on page 2306 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2306
	EndTime <EndTm>	[0..1]	DateTime		2306
	Period <Prd>	[0..1]	Text		2306
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2306

24.4.2.2.7 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2096 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2096
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2097
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2098

24.4.2.3 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "[ResponseType11](#)" on page 2096 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2096
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2097
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2098

24.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information incorporated as an extension to the message.

Impacted by: [C4 "SupplementaryDataRule"](#)

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

24.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

25 caaa.024.001.05

AcceptorTransactionLogReportRequestV05

25.1 MessageDefinition Functionality

The AcceptorTransactionLogReportRequest message is sent by an Acceptor to an Acquirer or its IntermediaryAgent to request a report service.

Outline

The AcceptorTransactionLogReportRequestV05 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Set of characteristics related to the transfer of the request.
- B. ReportRequest
 - Information related to the report request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC or a digital signature.

25.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrTxLgRptReq>	[1..1]			
	Header <Hdr>	[1..1]			1057
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1057
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1059
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1059
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1059
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1059
	InitiatingParty <InitgPty>	[1..1]	±		1059
	RecipientParty <RcptPty>	[0..1]	±		1060
	Traceability <Tracblt>	[0..*]	±		1060
	ReportRequest <RptReq>	[1..1]			1061
	Environment <Envt>	[1..1]	±	C8	1064
	Context <Cntxt>	[1..1]		C9	1070
	PaymentContext <PmtCntxt>	[0..1]			1073
	CardPresent <CardPres>	[0..1]	Indicator		1073
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1073
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1074
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1074
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1074
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1074
	BusinessArea <BizArea>	[0..1]	CodeSet		1075
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1075
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1075
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1076
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1076
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1077
	SaleContext <SaleCntxt>	[0..1]			1077
	SaleIdentification <SaleId>	[0..1]	Text		1078
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1078
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1079

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		1079
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1079
	ShiftNumber <ShftNb>	[0..1]	Text		1079
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		1079
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1079
	InvoiceNumber <InvcNb>	[0..1]	Text		1079
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1080
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1080
	CommonName <CmonNm>	[1..1]	Text		1080
	Address <Adr>	[0..1]	Text		1080
	CountryCode <CtryCd>	[1..1]	CodeSet		1080
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1080
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1080
	SplitPayment <SpltPmt>	[0..1]	Indicator		1081
	RemainingAmount <RmngAmt>	[0..1]	Amount		1081
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1081
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1081
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1081
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1082
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1082
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1082
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1083
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1083
	SystemToNotify <SysToNtfy>	[0..1]	Text		1083
	Debtor <Dbtr>	[0..1]	±		1084
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1085
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1085
	Creditor <Cdtr>	[0..1]	±		1085
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1086
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1087
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1087

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1088
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1089
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1090
	Creditor <Cdtr>	[0..1]	±		1090
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1091
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1092
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1092
	MandateIdentification <MndtId>	[1..1]	Text		1093
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1093
	MandateImage <MndtImg>	[0..1]	Binary		1093
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1093
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1093
	ReportTransactionRequest <RptTxReq>	[0..1]			1094
	SearchCriteria <SchCrit>	[1..*]			1094
	SearchOr <SchOr>	[1..*]			1095
	SearchAnd <SchAnd>	[1..*]			1095
	Target <Trgt>	[1..1]	Text		1095
	Operator <Oprr>	[1..1]	CodeSet		1095
	Value <Val>	[1..1]	Text		1096
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1096
	CriteriaOrder <CritOrdr>	[1..*]			1096
	Target <Trgt>	[1..1]	Text		1096
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1096
	BlockStart <BckStart>	[0..1]	Quantity		1097
	BlockStop <BckStop>	[0..1]	Quantity		1097
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			1097
	TotalDetails <TtlDtls>	[0..1]	CodeSet		1097
	TotalFilter <TtlFiltr>	[0..1]			1098
	POIdentification <POId>	[0..1]	Text		1098
	SaleIdentification <SaleId>	[0..1]	Text		1098
	CashierIdentification <CshrlId>	[0..1]	Text		1098

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ShiftNumber <ShftNb>	[0..1]	Text		1098
	TotalsGroupIdentification <TtlsGrpld>	[0..1]	Text		1098
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1099
	SecurityTrailer <SctyTrlr>	[0..1]	±		1099

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 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

C5 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

C6 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C7 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C8 OneElementPresenceRule

At least one of these subelements must be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 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.

C12 ValidationByTable

Must be a valid terrestrial language.

25.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

25.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1057
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1059
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1059
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1059
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1059
	InitiatingParty <InitgPty>	[1..1]	±		1059
	RecipientParty <RcptPty>	[0..1]	±		1060
	Traceability <Tracblt>	[0..*]	±		1060

25.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "MessageFunction46Code" on page 2350

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.

CodeName	Name	Definition
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.

CodeName	Name	Definition
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

25.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer protocol specifications.

Datatype: "Max6Text" on page 2383

25.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

25.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]

Definition: Number of retransmissions of the message.

Datatype: "Max3NumericText" on page 2382

25.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 2374

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 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

25.4.2 ReportRequest <RptReq>

Presence: [1..1]

Definition: Information related to the report request.

ReportRequest <RptReq> contains the following **ReportRequest8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C8	1064
	Context <Cntxt>	[1..1]		C9	1070
	PaymentContext <PmtCntxt>	[0..1]			1073
	CardPresent <CardPres>	[0..1]	Indicator		1073
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1073
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1074
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1074
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1074
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1074
	BusinessArea <BizArea>	[0..1]	CodeSet		1075
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1075
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1075
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1076
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1076
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1077
	SaleContext <SaleCntxt>	[0..1]			1077
	SaleIdentification <SaleId>	[0..1]	Text		1078
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1078
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1079
	CashierIdentification <CshrId>	[0..1]	Text		1079
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1079
	ShiftNumber <ShftNb>	[0..1]	Text		1079
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1079
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1079
	InvoiceNumber <InvNb>	[0..1]	Text		1079
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1080
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1080
	CommonName <CmonNm>	[1..1]	Text		1080
	Address <Adr>	[0..1]	Text		1080
	CountryCode <CtryCd>	[1..1]	CodeSet		1080
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1080

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1080
	SplitPayment <SpltPmt>	[0..1]	Indicator		1081
	RemainingAmount <RmngAmt>	[0..1]	Amount		1081
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1081
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1081
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1081
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1082
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1082
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1082
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1083
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1083
	SystemToNotify <SysToNtfy>	[0..1]	Text		1083
	Debtor <Dbtr>	[0..1]	±		1084
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1085
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1085
	Creditor <Cdtr>	[0..1]	±		1085
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1086
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1087
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1087
	Debtor <Dbtr>	[0..1]	±		1088
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1089
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1090
	Creditor <Cdtr>	[0..1]	±		1090
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1091
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1092
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1092
	MandateIdentification <MndtId>	[1..1]	Text		1093
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1093
	MandateImage <MndtImg>	[0..1]	Binary		1093
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1093
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1093

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportTransactionRequest <RptTxReq>	[0..1]			1094
	SearchCriteria <SchCrit>	[1..*]			1094
	SearchOr <SchOr>	[1..*]			1095
	SearchAnd <SchAnd>	[1..*]			1095
	Target <Trgt>	[1..1]	Text		1095
	Operator <Oprr>	[1..1]	CodeSet		1095
	Value <Val>	[1..1]	Text		1096
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1096
	CriteriaOrder <CritOrdr>	[1..*]			1096
	Target <Trgt>	[1..1]	Text		1096
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1096
	BlockStart <BlckStart>	[0..1]	Quantity		1097
	BlockStop <BlckStop>	[0..1]	Quantity		1097
	ReportGetTotalsRequest <RptGetTtlsReq>	[0..1]			1097
	TotalDetails <TtlDtls>	[0..1]	CodeSet		1097
	TotalFilter <TtlFiltr>	[0..1]			1098
	POIIdentification <POIId>	[0..1]	Text		1098
	SaleIdentification <SaleId>	[0..1]	Text		1098
	CashierIdentification <CshrlId>	[0..1]	Text		1098
	ShiftNumber <ShftNb>	[0..1]	Text		1098
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1098
	SupplementaryData <SplmtryData>	[0..*]	±	C11	1099

25.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C8 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

25.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the transaction is performed (payment and sale).

Impacted by: C9 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1073
	CardPresent <CardPres>	[0..1]	Indicator		1073
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1073
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1074
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1074
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1074
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1074
	BusinessArea <BizArea>	[0..1]	CodeSet		1075
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1075
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1075
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1076
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1076
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1077
	SaleContext <SaleCntxt>	[0..1]			1077
	SaleIdentification <SaleId>	[0..1]	Text		1078
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1078
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1079
	CashierIdentification <CshrId>	[0..1]	Text		1079
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1079
	ShiftNumber <ShftNb>	[0..1]	Text		1079
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1079
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1079
	InvoiceNumber <InvcNb>	[0..1]	Text		1079
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1080
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1080
	CommonName <CmonNm>	[1..1]	Text		1080
	Address <Adr>	[0..1]	Text		1080
	CountryCode <CtryCd>	[1..1]	CodeSet		1080
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1080
	RegisteredIdentifier <Regldr>	[1..1]	Text		1080
	SplitPayment <Spltpmt>	[0..1]	Indicator		1081

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1081
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1081
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1081
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1081
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1082
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1082
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C10	1082
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1083
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1083
	SystemToNotify <SysToNtfy>	[0..1]	Text		1083
	Debtor <Dbtr>	[0..1]	±		1084
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1085
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1085
	Creditor <Cdtr>	[0..1]	±		1085
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1086
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1087
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1087
	Debtor <Dbtr>	[0..1]	±		1088
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1089
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1090
	Creditor <Cdtr>	[0..1]	±		1090
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1091
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1092
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1092
	MandateIdentification <Mndtld>	[1..1]	Text		1093
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1093
	MandateImage <Mndtlmg>	[0..1]	Binary		1093
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1093

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

25.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1073
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1073
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1074
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1074
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1074
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1074
	BusinessArea <BizArea>	[0..1]	CodeSet		1075
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1075
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C12	1075
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1076
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1076
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1077

25.4.2.2.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.1.2 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

25.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

25.4.2.2.1.6 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 2370

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.

25.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

25.4.2.2.1.8 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.1.9 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: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

25.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

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.)

25.4.2.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

25.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

25.4.2.2.2 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		1078
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1078
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1079
	CashierIdentification <CshrId>	[0..1]	Text		1079
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C12	1079
	ShiftNumber <ShftNb>	[0..1]	Text		1079
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1079
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1079
	InvoiceNumber <InvcNb>	[0..1]	Text		1079
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1080
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1080
	CommonName <CmonNm>	[1..1]	Text		1080
	Address <Adr>	[0..1]	Text		1080
	CountryCode <CtryCd>	[1..1]	CodeSet		1080
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1080
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1080
	SplitPayment <SpltPmt>	[0..1]	Indicator		1081
	RemainingAmount <RmngAmt>	[0..1]	Amount		1081
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1081
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1081
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1081
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1082
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1082

25.4.2.2.2.1 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 2382

25.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

25.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

25.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

25.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C12 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

25.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

25.4.2.2.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

25.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

25.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

25.4.2.2.2.11 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		1080
	Address <Adr>	[0..1]	Text		1080
	CountryCode <CtryCd>	[1..1]	CodeSet		1080
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1080
	RegisteredIdentifier <Regldr>	[1..1]	Text		1080

25.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

25.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

25.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

25.4.2.2.2.11.4 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 2385

25.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

25.4.2.2.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.2.13 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 2313

25.4.2.2.2.14 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

25.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

25.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

25.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C10 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1083
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1083
	SystemToNotify <SysToNtfy>	[0..1]	Text		1083
	Debtor <Dbtr>	[0..1]	±		1084
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1085
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1085
	Creditor <Cdtr>	[0..1]	±		1085
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1086
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1087

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

25.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

25.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

25.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

25.4.2.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

25.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

25.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

25.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

25.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1088
	DebtorAccount <DbtrAcct>	[0..1]	±	C7, C6	1089
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1090
	Creditor <Cdtr>	[0..1]	±		1090
	CreditorAccount <CdtrAcct>	[0..1]	±	C7, C6	1091
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1092
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1092
	MandateIdentification <MndtId>	[1..1]	Text		1093
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1093
	MandateImage <MndtImg>	[0..1]	Binary		1093
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1093

25.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

25.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

25.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

25.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

25.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C7 "IdentificationOrProxyPresenceRule", C6 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

25.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

25.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1093
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1093
	MandateImage <MndtImg>	[0..1]	Binary		1093
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1093

25.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

25.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

25.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

25.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

25.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService6Code" on page 2365

CodeName	Name	Definition
RPTQ	AdministrativeReportTransactionRequest	The Sale System requests to the POI System a report on a list of transactions.
RPAQ	AdministrativeReportGetTotalsRequest	The Sale System requests to the POI System a report on the totals figures of the POI system.

25.4.2.4 ReportTransactionRequest <RptTxReq>

Presence: [0..1]

Definition: Content of the Transaction Report Request message.

ReportTransactionRequest <RptTxReq> contains the following **ReportTransactionRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SearchCriteria <SchCrit>	[1..*]			1094
	SearchOr <SchOr>	[1..*]			1095
	SearchAnd <SchAnd>	[1..*]			1095
	Target <Trgt>	[1..1]	Text		1095
	Operator <Oprtr>	[1..1]	CodeSet		1095
	Value <Val>	[1..1]	Text		1096
	SearchOutputOrder <SchOutptOrdr>	[0..1]			1096
	CriteriaOrder <CritOrdr>	[1..*]			1096
	Target <Trgt>	[1..1]	Text		1096
	DescendingOrder <DscndgOrdr>	[0..1]	Indicator		1096
	BlockStart <BlckStart>	[0..1]	Quantity		1097
	BlockStop <BlckStop>	[0..1]	Quantity		1097

25.4.2.4.1 SearchCriteria <SchCrit>

Presence: [1..*]

Definition: Eligibility parameters for a transaction to be part of transaction report.

SearchCriteria <SchCrit> contains the following **SearchCriteria1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SearchOr <SchOr>	[1..*]			1095
	SearchAnd <SchAnd>	[1..*]			1095
	Target <Trgt>	[1..1]	Text		1095
	Operator <Oprtr>	[1..1]	CodeSet		1095
	Value <Val>	[1..1]	Text		1096

25.4.2.4.1.1 SearchOr <SchOr>

Presence: [1..*]

Definition: List of criteria following the OR logic.

SearchOr <SchOr> contains the following **SearchOr1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SearchAnd <SchAnd>	[1..*]			1095
	Target <Trgt>	[1..1]	Text		1095
	Operator <Oprtr>	[1..1]	CodeSet		1095
	Value <Val>	[1..1]	Text		1096

25.4.2.4.1.1.1 SearchAnd <SchAnd>

Presence: [1..*]

Definition: List of criteria following the AND logic.

SearchAnd <SchAnd> contains the following **SearchAnd1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Target <Trgt>	[1..1]	Text		1095
	Operator <Oprtr>	[1..1]	CodeSet		1095
	Value <Val>	[1..1]	Text		1096

25.4.2.4.1.1.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 2383

25.4.2.4.1.1.1.2 Operator <Oprtr>

Presence: [1..1]

Definition: Comparison operator used to evaluate matching transactions vs criteria.

Datatype: "Operator1Code" on page 2354

CodeName	Name	Definition
SMAL	SmallerThan	Smaller than.
SMEQ	SmallerOrEqualTo	Smaller or equal to.
GREA	GreaterThan	Greater than.
GREQ	GreaterOrEqualTo	Greater or equal to.
EQAL	EqualTo	Equal to.

25.4.2.4.1.1.3 Value <Val>

Presence: [1..1]

Definition: Reference value to be used when evaluating against the target element value using the criteria operator.

Datatype: "Max500Text" on page 2383

25.4.2.4.2 SearchOutputOrder <SchOutptOrdr>

Presence: [0..1]

Definition: Indicates the ordering in which the resulting transaction reports should be returned.

SearchOutputOrder <SchOutptOrdr> contains the following **SearchOutputOrder1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CriteriaOrder <CritOrdr>	[1..*]			1096
	Target <Trgt>	[1..1]	Text		1096

25.4.2.4.2.1 CriteriaOrder <CritOrdr>

Presence: [1..*]

Definition: Ordering criteria for the transaction report.

CriteriaOrder <CritOrdr> contains the following **CriteriaOrder1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Target <Trgt>	[1..1]	Text		1096

25.4.2.4.2.1.1 Target <Trgt>

Presence: [1..1]

Definition: Identifier of target element.

Datatype: "Max500Text" on page 2383

25.4.2.4.3 DescendingOrder <DscndgOrdr>

Presence: [0..1]

Definition: Indicates the order used for the criteria.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

25.4.2.4.4 BlockStart <BlckStart>

Presence: [0..1]

Definition: Index of the first transaction matching the search criteria.

Datatype: "PositiveNumber" on page 2377

25.4.2.4.5 BlockStop <BlckStop>

Presence: [0..1]

Definition: Index of the last transaction matching the search criteria.

Datatype: "PositiveNumber" on page 2377

25.4.2.5 ReportGetTotalsRequest <RptGetTtlsReq>

Presence: [0..1]

Definition: Content of the Get Totals Request message.

ReportGetTotalsRequest <RptGetTtlsReq> contains the following **ReportGetTotalsRequest1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalDetails <TtlDtls>	[0..1]	CodeSet		1097
	TotalFilter <TtlFltr>	[0..1]			1098
	POIIdentification <POIID>	[0..1]	Text		1098
	SaleIdentification <SaleId>	[0..1]	Text		1098
	CashierIdentification <CshrlId>	[0..1]	Text		1098
	ShiftNumber <ShftNb>	[0..1]	Text		1098
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1098

25.4.2.5.1 TotalDetails <TtlDtls>

Presence: [0..1]

Definition: Indicates the hierarchical structure of the report.

Datatype: "TotalDetails1Code" on page 2369

CodeName	Name	Definition
OPID	PerCashierIdentification	Give the totals result per Operator Identification value.
PIID	PerPOIIdentification	Give the totals result per POI Identification value.
TGID	PerTotalsGroup	Give the totals result per Totals Group Identification value.

CodeName	Name	Definition
SNID	PerShiftNumber	Give the totals result per Shift Number Identification value.
SAID	PerSaleIdentification	Give the totals result per Sale Identification value.

25.4.2.5.2 TotalFilter <TtIFltr>

Presence: [0..1]

Definition: Filter to compute the totals.

TotalFilter <TtIFltr> contains the following **TotalFilter1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIId>	[0..1]	Text		1098
	SaleIdentification <SaleId>	[0..1]	Text		1098
	CashierIdentification <CshrlId>	[0..1]	Text		1098
	ShiftNumber <ShftNb>	[0..1]	Text		1098
	TotalsGroupIdentification <TtlsGrpId>	[0..1]	Text		1098

25.4.2.5.2.1 POIIdentification <POIId>

Presence: [0..1]

Definition: Identifier of the POI system performing a reconciliation.

Datatype: "Max35Text" on page 2382

25.4.2.5.2.2 SaleIdentification <SaleId>

Presence: [0..1]

Definition: Identification of the sale terminal (electronic cash register or point of sale terminal) or the sale system.

Datatype: "Max35Text" on page 2382

25.4.2.5.2.3 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

25.4.2.5.2.4 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max35Text" on page 2382

25.4.2.5.2.5 TotalsGroupIdentification <TtlsGrpId>

Presence: [0..1]

Definition: Identification of a group of transaction on a POI Terminal, having the same Sale features.

Datatype: "Max35Text" on page 2382

25.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information incorporated as an extension to the message.

Impacted by: C11 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

25.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType37](#)" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

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AcceptorTransactionLogReportResponseV05

26.1 MessageDefinition Functionality

This AcceptorTransactionLogReportResponse message is sent by an Acquirer or its IntermediaryAgent to provide the report previously expected by a POI.

Outline

The AcceptorTransactionLogReportResponseV05 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Set of characteristics related to the transfer of the request.
- B. ReportResponse
 - Information related to the response of a report request.
- C. SecurityTrailer
 - Trailer of the message containing a MAC or a digital signature.

26.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrTxLgRptRspn>	[1..1]			
	Header <Hdr>	[1..1]			1121
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1121
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1123
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1123
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1123
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1123
	InitiatingParty <InitgPty>	[1..1]	±		1123
	RecipientParty <RcptPty>	[0..1]	±		1123
	Traceability <Tracblt>	[0..*]	±		1124
	ReportResponse <RptRspn>	[1..1]			1124
	Environment <Envt>	[1..1]	±	C9	1143
	Context <Cntxt>	[1..1]		C10	1149
	PaymentContext <PmtCntxt>	[0..1]			1152
	CardPresent <CardPres>	[0..1]	Indicator		1152
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1152
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1153
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1153
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1153
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1153
	BusinessArea <BizArea>	[0..1]	CodeSet		1154
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1154
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1154
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1155
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1155
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1156
	SaleContext <SaleCntxt>	[0..1]			1156
	SaleIdentification <SaleId>	[0..1]	Text		1157
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1157
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1158

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierIdentification <CshrId>	[0..1]	Text		1158
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1158
	ShiftNumber <ShftNb>	[0..1]	Text		1158
	CustomerOrderRequestFlag <CstmrOrdReqFlg>	[0..1]	Indicator		1158
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1158
	InvoiceNumber <InvcNb>	[0..1]	Text		1158
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1159
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1159
	CommonName <CmonNm>	[1..1]	Text		1159
	Address <Adr>	[0..1]	Text		1159
	CountryCode <CtryCd>	[1..1]	CodeSet		1159
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1159
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1159
	SplitPayment <SplitPmt>	[0..1]	Indicator		1160
	RemainingAmount <RmngAmt>	[0..1]	Amount		1160
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1160
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1160
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1160
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1161
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1161
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1161
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1162
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1162
	SystemToNotify <SysToNtfy>	[0..1]	Text		1162
	Debtor <Dbtr>	[0..1]	±		1163
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1164
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1164
	Creditor <Cdtr>	[0..1]	±		1164
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1165
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1166
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1166

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1167
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1168
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1169
	Creditor <Cdtr>	[0..1]	±		1169
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1170
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1171
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1171
	MandateIdentification <MndtId>	[1..1]	Text		1172
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1172
	MandateImage <MndtImg>	[0..1]	Binary		1172
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1172
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1172
	ReportTransactionResponse <RptTxRspn>	[0..1]			1173
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1189
	BlockStart <BlckStart>	[1..1]	Quantity		1189
	BlockStop <BlckStop>	[1..1]	Quantity		1189
	TransactionReport <TxRpt>	[0..*]			1189
	Environment <Envt>	[1..1]	±	C9	1205
	Context <Cntxt>	[1..1]		C10	1211
	PaymentContext <PmtCntxt>	[0..1]			1214
	CardPresent <CardPres>	[0..1]	Indicator		1214
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1214
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1215
	AttendanceContext <AttnDncCntxt>	[0..1]	CodeSet		1215
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1215
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1215
	BusinessArea <BizArea>	[0..1]	CodeSet		1216
	AttendantMessageCapable <AttnDntMsgCpbl>	[0..1]	Indicator		1216
	AttendantLanguage <AttnDntLang>	[0..1]	CodeSet	C13	1216
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1217
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1217

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1218
	SaleContext <SaleCntxt>	[0..1]			1218
	SaleIdentification <SaleId>	[0..1]	Text		1219
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1219
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1220
	CashierIdentification <CshrlId>	[0..1]	Text		1220
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1220
	ShiftNumber <ShftNb>	[0..1]	Text		1220
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1220
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1220
	InvoiceNumber <InvcNb>	[0..1]	Text		1220
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1221
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1221
	CommonName <CmonNm>	[1..1]	Text		1221
	Address <Adr>	[0..1]	Text		1221
	CountryCode <CtryCd>	[1..1]	CodeSet		1221
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1221
	RegisteredIdentifier <RegldId>	[1..1]	Text		1221
	SplitPayment <Spltpmt>	[0..1]	Indicator		1222
	RemainingAmount <RmngAmt>	[0..1]	Amount		1222
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1222
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1222
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1222
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1223
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1223
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1223
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1224
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1224
	SystemToNotify <SysToNtfy>	[0..1]	Text		1224
	Debtor <Dbtr>	[0..1]	±		1225
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1226

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1226
	Creditor <Cdtr>	[0..1]	±		1226
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1227
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1228
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1228
	Debtor <Dbtr>	[0..1]	±		1229
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1230
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1231
	Creditor <Cdtr>	[0..1]	±		1231
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1232
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1233
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1233
	MandateIdentification <MndtId>	[1..1]	Text		1234
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1234
	MandateImage <MndtImg>	[0..1]	Binary		1234
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1234
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1234
	PaymentResponse <PmtRspn>	[0..1]			1235
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1236
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1237
	POITransactionIdentification <POITxId>	[1..1]	±		1237
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1237
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1237
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1237
	PaymentReceipt <PmtRct>	[0..*]	±		1244
	LoyaltyResult <LltyRslt>	[0..*]			1245
	Account <Acct>	[1..1]	±		1245
	Amount <Amt>	[0..1]			1246
	Unit <Unit>	[0..1]	CodeSet		1246
	Currency <Ccy>	[0..1]	CodeSet	C1	1246
	Amount <Amt>	[1..1]	Amount		1247

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ServerData <SvrData>	[0..1]			1247
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1247
	ApprovalCode <ApprvlCd>	[0..1]	Text		1247
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1247
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1248
	Rebates <Rbts>	[0..1]			1248
	TotalRebate <TtlRbt>	[0..1]	Amount		1248
	RebateLabel <RbtLbl>	[0..1]	Text		1248
	SaleItemRebate <SaleitmRbt>	[0..*]			1248
	SaleItem <Saleitm>	[1..1]	±		1249
	RebateLabel <RbtLbl>	[0..1]	Text		1249
	CustomerOrder <CstmrOrd>	[0..*]	±		1249
	ReversalResponse <RvsIRspn>	[0..1]			1250
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1255
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1255
	POITransactionIdentification <POITxId>	[1..1]	±		1256
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1256
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1256
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1256
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1261
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1261
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1266
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1266
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1267
	TransactionType <TxTp>	[1..1]	CodeSet		1267
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1268
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1269
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1269
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1269
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1270
	TransactionIdentification <TxId>	[1..1]	±		1270

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalTransaction <OrgnlTx>	[0..1]			1270
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIdentification <POId>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1281
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1282
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1282
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1282
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1282
	TransactionDetails <TxDtls>	[1..1]			1283
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286
	DetailedAmount <DtdAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1289
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcrng>	[0..1]	±		1299
	AggregationTransaction <AggtTx>	[0..1]	±		1300

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <SaleItm>	[0..*]	±		1300
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrtctdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1303
	AuthorisationResult <AuthstnRslt>	[0..1]			1303
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1305
	CustomerOrder <CstmrOrd>	[0..1]	±		1305
	CustomerToken <CstmrTkn>	[0..1]	±		1305
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1306
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1306
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1306
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1307
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1307
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1307
	CustomerOrder <CstmrOrd>	[0..*]	±		1307

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1307
	Receipt <Rct>	[0..*]	±		1308
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1308
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1309
	POITransactionIdentification <POITxId>	[0..1]	±		1309
	PaymentAccount <PmtAcct>	[0..1]			1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	CurrentBalance <CurBal>	[0..1]	Amount		1310
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1310
	LoyaltyAccount <LltyAcct>	[0..1]	±		1311
	StoredValueAccount <StordValAcct>	[0..*]			1311
	AccountType <AcctTp>	[0..1]	CodeSet		1312
	IdentificationType <IdTp>	[0..1]	CodeSet		1313
	Identification <Id>	[0..1]	Text		1313
	Brand <Brnd>	[0..1]	Text		1313
	Provider <Prvdr>	[0..1]	Text		1313
	OwnerName <OwnrNm>	[0..1]	Text		1313
	ExpiryDate <XpryDt>	[0..1]	Text		1314
	EntryMode <NtryMd>	[0..1]	CodeSet		1314
	Currency <Ccy>	[0..1]	CodeSet	C1	1314
	Balance <Bal>	[0..1]	Amount		1315
	Receipt <Rct>	[0..*]	±		1315
	LoyaltyResponse <LltyRspn>	[0..1]			1315
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1316
	POITransactionIdentification <POITxId>	[1..1]	±		1316
	POIReconciliationIdentification <POIRcnccltnId>	[0..1]	Text		1317
	Result <RsIt>	[0..*]			1317
	Account <Acct>	[1..1]	±		1317
	Amount <Amt>	[0..1]			1318
	Unit <Unit>	[0..1]	CodeSet		1318
	Currency <Ccy>	[0..1]	CodeSet	C1	1318

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1319
	ServerData <SvrData>	[0..1]			1319
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1319
	ApprovalCode <ApprvICd>	[0..1]	Text		1319
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1319
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1320
	Rebates <Rbts>	[0..1]			1320
	TotalRebate <TtlRbt>	[0..1]	Amount		1320
	RebateLabel <RbtLbl>	[0..1]	Text		1320
	SaleItemRebate <SaleItmRbt>	[0..*]			1320
	SaleItem <SaleItm>	[1..1]	±		1321
	RebateLabel <RbtLbl>	[0..1]	Text		1321
	StoredValueResponse <StordValRspn>	[0..1]			1321
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1327
	POITransactionIdentification <POITxId>	[1..1]	±		1327
	Result <RsIt>	[0..*]			1327
	Provider <Prvdr>	[0..1]	Text		1332
	TransactionType <TxTp>	[1..1]	CodeSet		1333
	AccountIdentification <AcctId>	[0..1]			1333
	AccountType <AcctTp>	[0..1]	CodeSet		1333
	IdentificationType <IdTp>	[0..1]	CodeSet		1334
	Identification <Id>	[0..1]	Text		1335
	Brand <Brnd>	[0..1]	Text		1335
	Provider <Prvdr>	[0..1]	Text		1335
	OwnerName <OwnrNm>	[0..1]	Text		1335
	ExpiryDate <XpryDt>	[0..1]	Text		1335
	EntryMode <NtryMd>	[0..1]	CodeSet		1335
	Currency <Ccy>	[0..1]	CodeSet	C1	1336
	Balance <Bal>	[0..1]	Amount		1336
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1336
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1341

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1341
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1342
	TransactionType <TxTp>	[1..1]	CodeSet		1342
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1343
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1344
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1344
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1344
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1345
	TransactionIdentification <TxId>	[1..1]	±		1345
	OriginalTransaction <OrgnlTx>	[0..1]			1345
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347
	POIIdentification <POIID>	[1..1]	±		1347
	CurrencyConversion <CcyConv>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1356
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1357
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1357
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1357
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1357
	TransactionDetails <TxDtls>	[1..1]			1358
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtldAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1362
	ValidityDate <VldtyDt>	[0..1]	Date		1362

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcrng>	[0..1]	±		1374
	AggregationTransaction <AggtTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <Saleitm>	[0..*]	±		1375
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1376
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1376
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377
	AdditionalInformation <AddtlInf>	[0..*]			1377
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrctdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1378
	AuthorisationResult <AuthstnRslt>	[0..1]			1378
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1380
	CustomerOrder <CstmrOrd>	[0..1]	±		1380

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerToken <CstmrTkn>	[0..1]	±		1380
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1381
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1381
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1381
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1381
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1382
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1382
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1382
	ProductCode <PdctCd>	[0..1]	Text		1382
	EANUPC <EANUPC>	[0..1]	Text		1382
	ItemAmount <ItmAmt>	[0..1]	Amount		1382
	Currency <Ccy>	[0..1]	CodeSet	C1	1382
	HostTransactionIdentification <HstTxId>	[0..1]	±		1383
	Receipt <Rct>	[0..*]	±		1383
	BatchResponse <BtchRspn>	[0..1]			1383
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1384
	POIBatchIdentification <POIBtchId>	[0..1]	±		1385
	PerformedTransaction <PrfrmdTx>	[0..*]			1385
	Response <Rspn>	[1..1]	±		1386
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1387
	POITransactionIdentification <POITxId>	[0..1]	±		1387
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1387
	PaymentResult <PmtRslt>	[0..1]	±		1387
	LoyaltyResult <LtyRslt>	[0..*]			1394
	Account <Acct>	[1..1]	±		1395
	Amount <Amt>	[0..1]			1396
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397
	ServerData <SvrData>	[0..1]			1397
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1397

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ApprovalCode <ApprvlCd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398
	Rebates <Rbts>	[0..1]			1398
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleitmRbt>	[0..*]			1398
	SaleItem <Saleitm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1399
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1400
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1400
	POITransactionIdentification <POITxId>	[1..1]	±		1400
	PaymentBrand <PmtBrnd>	[0..*]	Text		1400
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1401
	LoyaltyAccount <LtyAcct>	[0..*]	±		1401
	CustomerOrder <CstmrOrd>	[0..*]	±		1401
	Response <Rspn>	[1..1]	±		1402
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1402
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			1403
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		1405
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1405
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1407
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1407
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1407
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1407
	Brand <Brnd>	[0..1]	Text		1408
	POIIdentification <POIID>	[0..1]	Text		1408
	SaleIdentification <SaleId>	[0..1]	Text		1408
	CashierIdentification <CshrlId>	[0..1]	Text		1408
	ShiftNumber <ShftNb>	[0..1]	Text		1408

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1408
	CommonName <CmonNm>	[1..1]	Text		1408
	Address <Adr>	[0..1]	Text		1409
	CountryCode <CtryCd>	[1..1]	CodeSet		1409
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1409
	RegisteredIdentifier <Regldr>	[1..1]	Text		1409
	TransactionTotal <TxTtl>	[1..1]			1409
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1409
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	Type <Tp>	[1..1]	CodeSet		1410
	TotalNumber <TtlNb>	[1..1]	Quantity		1410
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1411
	DetailedAmount <DtldAmt>	[0..1]	±		1411
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1411
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1411
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1412
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1412
	Currency <Ccy>	[0..1]	CodeSet	C1	1412
	TransactionType <TxTp>	[1..1]	CodeSet		1412
	TotalNumber <TtlNb>	[1..1]	Quantity		1413
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1413
	DetailedAmount <DtldAmt>	[0..1]	±		1413
	Response <Rspn>	[1..1]	±		1413
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1414
	SecurityTrailer <SctyTrlr>	[0..1]	±		1414

26.3 Constraints

C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

C5 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

C6 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

C7 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C8 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 OneElementPresenceRule

At least one of these subelements must be present.

C12 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.

C13 ValidationByTable

Must be a valid terrestrial language.

26.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

26.4.1 Header <Hdr>

Presence: [1..1]

Definition: Set of characteristics related to the transfer of the request.

Header <Hdr> contains the following **Header70** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1121
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1123
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1123
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1123
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1123
	InitiatingParty <InitgPty>	[1..1]	±		1123
	RecipientParty <RcptPty>	[0..1]	±		1123
	Traceability <Tracblt>	[0..*]	±		1124

26.4.1.1 MessageFunction <MsgFctn>

Presence: [1..1]

Definition: Identifies the type of process related to the message.

Datatype: "MessageFunction46Code" on page 2350

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.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

26.4.1.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]
Definition: Version of the acquirer protocol specifications.
Datatype: "Max6Text" on page 2383

26.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]
Definition: Unique identification of an exchange occurrence.
Datatype: "Number" on page 2377

26.4.1.4 ReTransmissionCounter <ReTrnsmsnCnt>

Presence: [0..1]
Definition: Number of retransmissions of the message.
Datatype: "Max3NumericText" on page 2382

26.4.1.5 CreationDateTime <CreDtTm>

Presence: [1..1]
Definition: Date and time at which the message was created.
Datatype: "ISODatetime" on page 2374

26.4.1.6 InitiatingParty <InitgPty>

Presence: [1..1]
Definition: Unique identification of the partner that has initiated the exchange.
InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification176" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

26.4.1.7 RecipientParty <RcptPty>

Presence: [0..1]
Definition: Unique identification of the partner that is the recipient of the message exchange.

RecipientParty <RcptPty> contains the following elements (see "[GenericIdentification177](#)" on page 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

26.4.1.8 Traceability <Tracblt>

Presence: [0..*]

Definition: Identification of partners involved in exchange from the merchant to the issuer, with the relative timestamp of their exchanges.

Traceability <Tracblt> contains the following elements (see "[Traceability8](#)" on page 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

26.4.2 ReportResponse <RptRspn>

Presence: [1..1]

Definition: Information related to the response of a report request.

ReportResponse <RptRspn> contains the following **ReportResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1143
	Context <Cntxt>	[1..1]		C10	1149
	PaymentContext <PmtCntxt>	[0..1]			1152
	CardPresent <CardPres>	[0..1]	Indicator		1152
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1152
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1153
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1153
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1153
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1153
	BusinessArea <BizArea>	[0..1]	CodeSet		1154
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1154
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1154
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1155
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1155
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1156
	SaleContext <SaleCntxt>	[0..1]			1156
	SaleIdentification <SaleId>	[0..1]	Text		1157
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1157
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1158
	CashierIdentification <CshrId>	[0..1]	Text		1158
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1158
	ShiftNumber <ShftNb>	[0..1]	Text		1158
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1158
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1158
	InvoiceNumber <InvNb>	[0..1]	Text		1158
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1159
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1159
	CommonName <CmonNm>	[1..1]	Text		1159
	Address <Adr>	[0..1]	Text		1159
	CountryCode <CtryCd>	[1..1]	CodeSet		1159
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1159

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1159
	SplitPayment <SpltPmt>	[0..1]	Indicator		1160
	RemainingAmount <RmngAmt>	[0..1]	Amount		1160
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1160
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1160
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1160
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1161
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1161
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1161
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1162
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1162
	SystemToNotify <SysToNtfy>	[0..1]	Text		1162
	Debtor <Dbtr>	[0..1]	±		1163
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1164
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1164
	Creditor <Cdtr>	[0..1]	±		1164
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1165
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1166
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1166
	Debtor <Dbtr>	[0..1]	±		1167
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1168
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1169
	Creditor <Cdtr>	[0..1]	±		1169
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1170
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1171
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1171
	MandateIdentification <MndtId>	[1..1]	Text		1172
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1172
	MandateImage <MndtImg>	[0..1]	Binary		1172
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1172
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1172

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportTransactionResponse <RptTxRspn>	[0..1]			1173
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1189
	BlockStart <BlckStart>	[1..1]	Quantity		1189
	BlockStop <BlckStop>	[1..1]	Quantity		1189
	TransactionReport <TxRpt>	[0..*]			1189
	Environment <Envt>	[1..1]	±	C9	1205
	Context <Cntxt>	[1..1]		C10	1211
	PaymentContext <PmtCntxt>	[0..1]			1214
	CardPresent <CardPres>	[0..1]	Indicator		1214
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1214
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1215
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1215
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1215
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1215
	BusinessArea <BizArea>	[0..1]	CodeSet		1216
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1216
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1216
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1217
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1217
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1218
	SaleContext <SaleCntxt>	[0..1]			1218
	SaleIdentification <SaleId>	[0..1]	Text		1219
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1219
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1220
	CashierIdentification <CshrId>	[0..1]	Text		1220
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1220
	ShiftNumber <ShftNb>	[0..1]	Text		1220
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1220
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1220
	InvoiceNumber <InvNb>	[0..1]	Text		1220
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1221

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1221
	CommonName <CmonNm>	[1..1]	Text		1221
	Address <Adr>	[0..1]	Text		1221
	CountryCode <CtryCd>	[1..1]	CodeSet		1221
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1221
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1221
	SplitPayment <Spltpmt>	[0..1]	Indicator		1222
	RemainingAmount <RmngAmt>	[0..1]	Amount		1222
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1222
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1222
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1222
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1223
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1223
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1223
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1224
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1224
	SystemToNotify <SysToNtfy>	[0..1]	Text		1224
	Debtor <Dbtr>	[0..1]	±		1225
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1226
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1226
	Creditor <Cdtr>	[0..1]	±		1226
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1227
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1228
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1228
	Debtor <Dbtr>	[0..1]	±		1229
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1230
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1231
	Creditor <Cdtr>	[0..1]	±		1231
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1232
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1233
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1233

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1234
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1234
	MandateImage <MndtImg>	[0..1]	Binary		1234
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1234
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1234
	PaymentResponse <PmtRspn>	[0..1]			1235
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1236
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1237
	POITransactionIdentification <POITxId>	[1..1]	±		1237
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1237
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1237
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1237
	PaymentReceipt <PmtRct>	[0..*]	±		1244
	LoyaltyResult <LltyRslt>	[0..*]			1245
	Account <Acct>	[1..1]	±		1245
	Amount <Amt>	[0..1]			1246
	Unit <Unit>	[0..1]	CodeSet		1246
	Currency <Ccy>	[0..1]	CodeSet	C1	1246
	Amount <Amt>	[1..1]	Amount		1247
	ServerData <SvrData>	[0..1]			1247
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1247
	ApprovalCode <ApprvICd>	[0..1]	Text		1247
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1247
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1248
	Rebates <Rbts>	[0..1]			1248
	TotalRebate <TtlRbt>	[0..1]	Amount		1248
	RebateLabel <RbtLbl>	[0..1]	Text		1248
	SaleItemRebate <SaleItmRbt>	[0..*]			1248
	SaleItem <SaleItm>	[1..1]	±		1249
	RebateLabel <RbtLbl>	[0..1]	Text		1249
	CustomerOrder <CstmrOrd>	[0..*]	±		1249

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversalResponse <RvsIRspn>	[0..1]			1250
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1255
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1255
	POITransactionIdentification <POITxId>	[1..1]	±		1256
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1256
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1256
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1256
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1261
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1261
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1266
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1266
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1267
	TransactionType <TxTp>	[1..1]	CodeSet		1267
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1268
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1269
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1269
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1269
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1270
	TransactionIdentification <TxId>	[1..1]	±		1270
	OriginalTransaction <OrgnlTx>	[0..1]			1270
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIIdentification <POIID>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1281
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1282
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1282
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1282
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1282

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtIs>	[1..1]			1283
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286
	DetailedAmount <DtldAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1289
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <DcmI>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcmg>	[0..1]	±		1299
	AggregationTransaction <AggtnTx>	[0..1]	±		1300
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <Saleitm>	[0..*]	±		1300
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrctcdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1303
	AuthorisationResult <AuthstnRslt>	[0..1]			1303
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1305
	CustomerOrder <CstmrOrdr>	[0..1]	±		1305
	CustomerToken <CstmrTkn>	[0..1]	±		1305
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1306
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1306
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1306
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1307
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1307
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1307
	CustomerOrder <CstmrOrdr>	[0..*]	±		1307
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1307
	Receipt <Rct>	[0..*]	±		1308
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1308
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1309
	POITransactionIdentification <POITxId>	[0..1]	±		1309
	PaymentAccount <PmtAcct>	[0..1]			1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	CurrentBalance <CurBal>	[0..1]	Amount		1310
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1310
	LoyaltyAccount <LltyAcct>	[0..1]	±		1311
	StoredValueAccount <StordValAcct>	[0..*]			1311
	AccountType <AcctTp>	[0..1]	CodeSet		1312

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IdentificationType <IdTp>	[0..1]	CodeSet		1313
	Identification <Id>	[0..1]	Text		1313
	Brand <Brnd>	[0..1]	Text		1313
	Provider <Prvdr>	[0..1]	Text		1313
	OwnerName <OwnrNm>	[0..1]	Text		1313
	ExpiryDate <XpryDt>	[0..1]	Text		1314
	EntryMode <NtryMd>	[0..1]	CodeSet		1314
	Currency <Ccy>	[0..1]	CodeSet	C1	1314
	Balance <Bal>	[0..1]	Amount		1315
	Receipt <Rct>	[0..*]	±		1315
	LoyaltyResponse <LtyRspn>	[0..1]			1315
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1316
	POITransactionIdentification <POITxId>	[1..1]	±		1316
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1317
	Result <Rslt>	[0..*]			1317
	Account <Acct>	[1..1]	±		1317
	Amount <Amt>	[0..1]			1318
	Unit <Unit>	[0..1]	CodeSet		1318
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	Amount <Amt>	[1..1]	Amount		1319
	ServerData <SvrData>	[0..1]			1319
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1319
	ApprovalCode <ApprvlCd>	[0..1]	Text		1319
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1319
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1320
	Rebates <Rbts>	[0..1]			1320
	TotalRebate <TtlRbt>	[0..1]	Amount		1320
	RebateLabel <RbtLbl>	[0..1]	Text		1320
	SaleItemRebate <SaleitmRbt>	[0..*]			1320
	SaleItem <Saleitm>	[1..1]	±		1321
	RebateLabel <RbtLbl>	[0..1]	Text		1321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StoredValueResponse <StordValRspn>	[0..1]			1321
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1327
	POITransactionIdentification <POITxId>	[1..1]	±		1327
	Result <RsIt>	[0..*]			1327
	Provider <Prvdr>	[0..1]	Text		1332
	TransactionType <TxTp>	[1..1]	CodeSet		1333
	AccountIdentification <AcctId>	[0..1]			1333
	AccountType <AcctTp>	[0..1]	CodeSet		1333
	IdentificationType <IdTp>	[0..1]	CodeSet		1334
	Identification <Id>	[0..1]	Text		1335
	Brand <Brnd>	[0..1]	Text		1335
	Provider <Prvdr>	[0..1]	Text		1335
	OwnerName <OwnrNm>	[0..1]	Text		1335
	ExpiryDate <XpryDt>	[0..1]	Text		1335
	EntryMode <NtryMd>	[0..1]	CodeSet		1335
	Currency <Ccy>	[0..1]	CodeSet	C1	1336
	Balance <Bal>	[0..1]	Amount		1336
	OriginalPOITransaction <OrgnIPOITx>	[0..1]			1336
	TransactionCapture <TxCapt>	[0..1]	Indicator		1341
	PaymentInstrument <PmtInstm>	[0..*]	CodeSet		1341
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1342
	TransactionType <TxTp>	[1..1]	CodeSet		1342
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1343
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1344
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1344
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1344
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1345
	TransactionIdentification <TxId>	[1..1]	±		1345
	OriginalTransaction <OrgnITx>	[0..1]			1345
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIIdentification <POIID>	[1..1]	±		1347
	CurrencyConversion <CcyConvs>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvsDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <DcmI>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <DcmI>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1356
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1357
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1357
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1357
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1357
	TransactionDetails <TxDtls>	[1..1]			1358
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtldAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1362
	ValidityDate <VldtyDt>	[0..1]	Date		1362
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcmg>	[0..1]	±		1374
	AggregationTransaction <AggtnTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <Saleitm>	[0..*]	±		1375
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1376

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1376
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377
	AdditionalInformation <AddtlInf>	[0..*]			1377
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrtctdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1378
	AuthorisationResult <AuthstnRslt>	[0..1]			1378
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1380
	CustomerOrder <CstmrOrdr>	[0..1]	±		1380
	CustomerToken <CstmrTkn>	[0..1]	±		1380
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1381
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1381
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1381
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1381
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1382
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1382
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1382
	ProductCode <PdctCd>	[0..1]	Text		1382
	EANUPC <EANUPC>	[0..1]	Text		1382
	ItemAmount <ItmAmt>	[0..1]	Amount		1382

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1382
	HostTransactionIdentification <HstTxId>	[0..1]	±		1383
	Receipt <Rct>	[0..*]	±		1383
	BatchResponse <BtchRspn>	[0..1]			1383
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1384
	POIBatchIdentification <POIBtchId>	[0..1]	±		1385
	PerformedTransaction <PrfrmdTx>	[0..*]			1385
	Response <Rspn>	[1..1]	±		1386
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1387
	POITransactionIdentification <POITxId>	[0..1]	±		1387
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1387
	PaymentResult <PmtRslt>	[0..1]	±		1387
	LoyaltyResult <LtyRslt>	[0..*]			1394
	Account <Acct>	[1..1]	±		1395
	Amount <Amt>	[0..1]			1396
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397
	ServerData <SvrData>	[0..1]			1397
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1397
	ApprovalCode <ApprvICd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398
	Rebates <Rbts>	[0..1]			1398
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleItmRbt>	[0..*]			1398
	SaleItem <SaleItm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1399
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1400
	POITransactionIdentification <POITxId>	[1..1]	±		1400
	PaymentBrand <PmtBrnd>	[0..*]	Text		1400
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1401
	LoyaltyAccount <LltyAcct>	[0..*]	±		1401
	CustomerOrder <CstmrOrd>	[0..*]	±		1401
	Response <Rspn>	[1..1]	±		1402
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1402
	ReportGetTotalsResponse <RptGetTtlsRspn>	[0..1]			1403
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		1405
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1405
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1407
	AcquirerIdentification <AcqrrId>	[0..1]	Text		1407
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1407
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1407
	Brand <Brnd>	[0..1]	Text		1408
	POIIdentification <POIId>	[0..1]	Text		1408
	SaleIdentification <SaleId>	[0..1]	Text		1408
	CashierIdentification <CshrlId>	[0..1]	Text		1408
	ShiftNumber <ShftNb>	[0..1]	Text		1408
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1408
	CommonName <CmonNm>	[1..1]	Text		1408
	Address <Adr>	[0..1]	Text		1409
	CountryCode <CtryCd>	[1..1]	CodeSet		1409
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1409
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1409
	TransactionTotal <TxTtl>	[1..1]			1409
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1409
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	Type <Tp>	[1..1]	CodeSet		1410

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalNumber <TtlNb>	[1..1]	Quantity		1410
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1411
	DetailedAmount <DtldAmt>	[0..1]	±		1411
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1411
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1411
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1412
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1412
	Currency <Ccy>	[0..1]	CodeSet	C1	1412
	TransactionType <TxTp>	[1..1]	CodeSet		1412
	TotalNumber <TtlNb>	[1..1]	Quantity		1413
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1413
	DetailedAmount <DtldAmt>	[0..1]	±		1413
	Response <Rspn>	[1..1]	±		1413
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1414

26.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

26.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the transaction is performed (payment and sale).

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1152
	CardPresent <CardPres>	[0..1]	Indicator		1152
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1152
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1153
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1153
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1153
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1153
	BusinessArea <BizArea>	[0..1]	CodeSet		1154
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1154
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1154
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1155
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1155
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1156
	SaleContext <SaleCntxt>	[0..1]			1156
	SaleIdentification <SaleId>	[0..1]	Text		1157
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1157
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1158
	CashierIdentification <CshrId>	[0..1]	Text		1158
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1158
	ShiftNumber <ShftNb>	[0..1]	Text		1158
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1158
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1158
	InvoiceNumber <InvNb>	[0..1]	Text		1158
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1159
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1159
	CommonName <CmonNm>	[1..1]	Text		1159
	Address <Adr>	[0..1]	Text		1159
	CountryCode <CtryCd>	[1..1]	CodeSet		1159
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1159
	RegisteredIdentifier <Regldr>	[1..1]	Text		1159
	SplitPayment <SpltPmt>	[0..1]	Indicator		1160

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1160
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1160
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1160
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1160
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1161
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1161
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1161
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1162
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1162
	SystemToNotify <SysToNtfy>	[0..1]	Text		1162
	Debtor <Dbtr>	[0..1]	±		1163
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1164
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1164
	Creditor <Cdtr>	[0..1]	±		1164
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1165
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1166
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1166
	Debtor <Dbtr>	[0..1]	±		1167
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1168
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1169
	Creditor <Cdtr>	[0..1]	±		1169
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1170
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1171
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1171
	MandateIdentification <MndtId>	[1..1]	Text		1172
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1172
	MandateImage <MndtImg>	[0..1]	Binary		1172
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1172

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

26.4.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1152
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1152
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1153
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1153
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1153
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1153
	BusinessArea <BizArea>	[0..1]	CodeSet		1154
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1154
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1154
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1155
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1155
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1156

26.4.2.2.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.1.2 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

26.4.2.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

26.4.2.2.1.6 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 2370

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.

26.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

26.4.2.2.1.8 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.1.9 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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.4.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

26.4.2.2.1.11 FallbackIndicator <FlfbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

26.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

26.4.2.2.2 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		1157
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1157
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1158
	CashierIdentification <CshrId>	[0..1]	Text		1158
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1158
	ShiftNumber <ShftNb>	[0..1]	Text		1158
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1158
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1158
	InvoiceNumber <InvcNb>	[0..1]	Text		1158
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1159
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1159
	CommonName <CmonNm>	[1..1]	Text		1159
	Address <Adr>	[0..1]	Text		1159
	CountryCode <CtryCd>	[1..1]	CodeSet		1159
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1159
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1159
	SplitPayment <SpltPmt>	[0..1]	Indicator		1160
	RemainingAmount <RmngAmt>	[0..1]	Amount		1160
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1160
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1160
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1160
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1161
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1161

26.4.2.2.2.1 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 2382

26.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

26.4.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

26.4.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.4.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

26.4.2.2.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

26.4.2.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

26.4.2.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

26.4.2.2.2.11 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		1159
	Address <Adr>	[0..1]	Text		1159
	CountryCode <CtryCd>	[1..1]	CodeSet		1159
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1159
	RegisteredIdentifier <Regldr>	[1..1]	Text		1159

26.4.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

26.4.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

26.4.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

26.4.2.2.2.11.4 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 2385

26.4.2.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

26.4.2.2.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.2.13 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 2313

26.4.2.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

26.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

26.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

26.4.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1162
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1162
	SystemToNotify <SysToNtfy>	[0..1]	Text		1162
	Debtor <Dbtr>	[0..1]	±		1163
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1164
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1164
	Creditor <Cdtr>	[0..1]	±		1164
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1165
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1166

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

26.4.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

26.4.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

26.4.2.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

26.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

26.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1167
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1168
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1169
	Creditor <Cdtr>	[0..1]	±		1169
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1170
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1171
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1171
	MandateIdentification <MndtId>	[1..1]	Text		1172
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1172
	MandateImage <MndtImg>	[0..1]	Binary		1172
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1172

26.4.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer </Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer </Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
Or /Proxy Must be present

26.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

26.4.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1172
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1172
	MandateImage <MndtImg>	[0..1]	Binary		1172
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1172

26.4.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

26.4.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

26.4.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

26.4.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service requested.

Datatype: "RetailerService7Code" on page 2366

CodeName	Name	Definition
RPTP	AdministrativeReportTransactionResponse	The POI System responds to a transaction report request.
RPAP	AdministrativeReportGetTotalsResponse	The POI System responds to a totals figures request.

26.4.2.4 ReportTransactionResponse <RptTxRspn>

Presence: [0..1]

Definition: Content of the Transaction Report Response message.

ReportTransactionResponse <RptTxRspn> contains the following **ReportTransactionResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportFullSize <RptFullSz>	[1..1]	Quantity		1189
	BlockStart <BlckStart>	[1..1]	Quantity		1189
	BlockStop <BlckStop>	[1..1]	Quantity		1189
	TransactionReport <TxRpt>	[0..*]			1189
	Environment <Envt>	[1..1]	±	C9	1205
	Context <Cntxt>	[1..1]		C10	1211
	PaymentContext <PmtCntxt>	[0..1]			1214
	CardPresent <CardPres>	[0..1]	Indicator		1214
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1214
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1215
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1215
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1215
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1215
	BusinessArea <BizArea>	[0..1]	CodeSet		1216
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1216
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1216
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1217
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1217
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1218
	SaleContext <SaleCntxt>	[0..1]			1218
	SaleIdentification <SaleId>	[0..1]	Text		1219
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1219
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1220
	CashierIdentification <CshrlId>	[0..1]	Text		1220
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1220
	ShiftNumber <ShftNb>	[0..1]	Text		1220
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1220
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1220
	InvoiceNumber <InvcNb>	[0..1]	Text		1220
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1221

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1221
	CommonName <CmonNm>	[1..1]	Text		1221
	Address <Adr>	[0..1]	Text		1221
	CountryCode <CtryCd>	[1..1]	CodeSet		1221
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1221
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1221
	SplitPayment <Spltpmt>	[0..1]	Indicator		1222
	RemainingAmount <RmngAmt>	[0..1]	Amount		1222
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1222
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1222
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1222
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1223
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1223
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1223
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1224
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1224
	SystemToNotify <SysToNtfy>	[0..1]	Text		1224
	Debtor <Dbtr>	[0..1]	±		1225
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1226
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1226
	Creditor <Cdtr>	[0..1]	±		1226
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1227
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1228
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1228
	Debtor <Dbtr>	[0..1]	±		1229
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1230
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1231
	Creditor <Cdtr>	[0..1]	±		1231
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1232
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1233
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1233

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1234
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1234
	MandateImage <MndtImg>	[0..1]	Binary		1234
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1234
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1234
	PaymentResponse <PmtRspn>	[0..1]			1235
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1236
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1237
	POITransactionIdentification <POITxId>	[1..1]	±		1237
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1237
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1237
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1237
	PaymentReceipt <PmtRct>	[0..*]	±		1244
	LoyaltyResult <LltyRslt>	[0..*]			1245
	Account <Acct>	[1..1]	±		1245
	Amount <Amt>	[0..1]			1246
	Unit <Unit>	[0..1]	CodeSet		1246
	Currency <Ccy>	[0..1]	CodeSet	C1	1246
	Amount <Amt>	[1..1]	Amount		1247
	ServerData <SvrData>	[0..1]			1247
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1247
	ApprovalCode <ApprvICd>	[0..1]	Text		1247
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1247
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1248
	Rebates <Rbts>	[0..1]			1248
	TotalRebate <TtlRbt>	[0..1]	Amount		1248
	RebateLabel <RbtLabl>	[0..1]	Text		1248
	SaleItemRebate <SaleitmRbt>	[0..*]			1248
	SaleItem <Saleitm>	[1..1]	±		1249
	RebateLabel <RbtLabl>	[0..1]	Text		1249
	CustomerOrder <CstmrOrd>	[0..*]	±		1249

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReversalResponse <RvsIRspn>	[0..1]			1250
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1255
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1255
	POITransactionIdentification <POITxId>	[1..1]	±		1256
	POIReconciliationIdentification <POIRcncnId>	[0..1]	Text		1256
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1256
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1256
	POIReconciliationIdentification <POIRcncnId>	[0..1]	Text		1261
	OriginalPaymentTransaction <OrgnPmtTx>	[0..1]			1261
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1266
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1266
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1267
	TransactionType <TxTp>	[1..1]	CodeSet		1267
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1268
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1269
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1269
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1269
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1270
	TransactionIdentification <TxId>	[1..1]	±		1270
	OriginalTransaction <OrgnITx>	[0..1]			1270
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIIdentification <POIId>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <DclrtDtls>	[0..*]	±		1281
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1282
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1282
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1282
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1282

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtIs>	[1..1]			1283
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286
	DetailedAmount <DtldAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UatnddLvICtgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRsIt>	[0..1]			1289
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsItgAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcrng>	[0..1]	±		1299
	AggregationTransaction <AggtTx>	[0..1]	±		1300
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <Saleitm>	[0..*]	±		1300
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrctcdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1303
	AuthorisationResult <AuthstnRslt>	[0..1]			1303
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1305
	CustomerOrder <CstmrOrd>	[0..1]	±		1305
	CustomerToken <CstmrTkn>	[0..1]	±		1305
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1306
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1306
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1306
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1307
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1307
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1307
	CustomerOrder <CstmrOrd>	[0..*]	±		1307
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1307
	Receipt <Rct>	[0..*]	±		1308
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1308
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1309
	POITransactionIdentification <POITxld>	[0..1]	±		1309
	PaymentAccount <PmtAcct>	[0..1]			1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	CurrentBalance <CurBal>	[0..1]	Amount		1310
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1310
	LoyaltyAccount <LltyAcct>	[0..1]	±		1311
	StoredValueAccount <StordValAcct>	[0..*]			1311
	AccountType <AcctTp>	[0..1]	CodeSet		1312

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IdentificationType <IdTp>	[0..1]	CodeSet		1313
	Identification <Id>	[0..1]	Text		1313
	Brand <Brnd>	[0..1]	Text		1313
	Provider <Prvdr>	[0..1]	Text		1313
	OwnerName <OwnrNm>	[0..1]	Text		1313
	ExpiryDate <XpryDt>	[0..1]	Text		1314
	EntryMode <NtryMd>	[0..1]	CodeSet		1314
	Currency <Ccy>	[0..1]	CodeSet	C1	1314
	Balance <Bal>	[0..1]	Amount		1315
	Receipt <Rct>	[0..*]	±		1315
	LoyaltyResponse <LtyRspn>	[0..1]			1315
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1316
	POITransactionIdentification <POITxId>	[1..1]	±		1316
	POIReconciliationIdentification <POIRcnclnId>	[0..1]	Text		1317
	Result <Rslt>	[0..*]			1317
	Account <Acct>	[1..1]	±		1317
	Amount <Amt>	[0..1]			1318
	Unit <Unit>	[0..1]	CodeSet		1318
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	Amount <Amt>	[1..1]	Amount		1319
	ServerData <SvrData>	[0..1]			1319
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1319
	ApprovalCode <ApprvICd>	[0..1]	Text		1319
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1319
	HostReconciliationIdentification <HstRcnclnId>	[0..1]	Text		1320
	Rebates <Rbts>	[0..1]			1320
	TotalRebate <TtlRbt>	[0..1]	Amount		1320
	RebateLabel <RbtLabl>	[0..1]	Text		1320
	SaleItemRebate <SaleItmRbt>	[0..*]			1320
	SaleItem <SaleItm>	[1..1]	±		1321
	RebateLabel <RbtLabl>	[0..1]	Text		1321

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StoredValueResponse <StordValRspn>	[0..1]			1321
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1327
	POITransactionIdentification <POITxId>	[1..1]	±		1327
	Result <RsIt>	[0..*]			1327
	Provider <Prvdr>	[0..1]	Text		1332
	TransactionType <TxTp>	[1..1]	CodeSet		1333
	AccountIdentification <AcctId>	[0..1]			1333
	AccountType <AcctTp>	[0..1]	CodeSet		1333
	IdentificationType <IdTp>	[0..1]	CodeSet		1334
	Identification <Id>	[0..1]	Text		1335
	Brand <Brnd>	[0..1]	Text		1335
	Provider <Prvdr>	[0..1]	Text		1335
	OwnerName <OwnrNm>	[0..1]	Text		1335
	ExpiryDate <XpryDt>	[0..1]	Text		1335
	EntryMode <NtryMd>	[0..1]	CodeSet		1335
	Currency <Ccy>	[0..1]	CodeSet	C1	1336
	Balance <Bal>	[0..1]	Amount		1336
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1336
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1341
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1341
	PaymentTypeInfo <PmtTpInf>	[0..1]	±		1342
	TransactionType <TxTp>	[1..1]	CodeSet		1342
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1343
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1344
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1344
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1344
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1345
	TransactionIdentification <TxId>	[1..1]	±		1345
	OriginalTransaction <OrgnlTx>	[0..1]			1345
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIdentification <POId>	[1..1]	±		1347
	CurrencyConversion <CcyConvs>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvsDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1356
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1357
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1357
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1357
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1357
	TransactionDetails <TxDtls>	[1..1]			1358
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtlAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1362
	ValidityDate <VldtyDt>	[0..1]	Date		1362
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UattnddLvLCtgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcrng>	[0..1]	±		1374
	AggregationTransaction <AggtnTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <SaleItm>	[0..*]	±		1375
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1376

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1376
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377
	AdditionalInformation <AddtlInf>	[0..*]			1377
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrtctdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1378
	AuthorisationResult <AuthstnRslt>	[0..1]			1378
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1380
	CustomerOrder <CstmrOrdr>	[0..1]	±		1380
	CustomerToken <CstmrTkn>	[0..1]	±		1380
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1381
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1381
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1381
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1381
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1382
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1382
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1382
	ProductCode <PdctCd>	[0..1]	Text		1382
	EANUPC <EANUPC>	[0..1]	Text		1382
	ItemAmount <ItmAmt>	[0..1]	Amount		1382
	Currency <Ccy>	[0..1]	CodeSet	C1	1382

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HostTransactionIdentification <HstTxId>	[0..1]	±		1383
	Receipt <Rct>	[0..*]	±		1383
	BatchResponse <BtchRspn>	[0..1]			1383
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1384
	POIBatchIdentification <POIBtchId>	[0..1]	±		1385
	PerformedTransaction <PrfrmdTx>	[0..*]			1385
	Response <Rspn>	[1..1]	±		1386
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1387
	POITransactionIdentification <POITxId>	[0..1]	±		1387
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1387
	PaymentResult <PmtRslt>	[0..1]	±		1387
	LoyaltyResult <LtyRslt>	[0..*]			1394
	Account <Acct>	[1..1]	±		1395
	Amount <Amt>	[0..1]			1396
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397
	ServerData <SvrData>	[0..1]			1397
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1397
	ApprovalCode <AprvlCd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398
	Rebates <Rbts>	[0..1]			1398
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleitmRbt>	[0..*]			1398
	SaleItem <Saleitm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1399
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1400
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POITransactionIdentification <POITxId>	[1..1]	±		1400
	PaymentBrand <PmtBrnd>	[0..*]	Text		1400
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1401
	LoyaltyAccount <LtyAcct>	[0..*]	±		1401
	CustomerOrder <CstmrOrd>	[0..*]	±		1401
	Response <Rspn>	[1..1]	±		1402
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1402

26.4.2.4.1 ReportFullSize <RptFullSz>

Presence: [1..1]

Definition: Specifies the total number of transactions matching the search criteria.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.2 BlockStart <BlckStart>

Presence: [1..1]

Definition: Index of the first transaction reported in this message within the list of transactions matching the search criteria.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.3 BlockStop <BlckStop>

Presence: [1..1]

Definition: Index of the last transaction reported in this message.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.4 TransactionReport <TxRpt>

Presence: [0..*]

Definition: List of Transaction Report containing one Transaction Report for each transaction matching the Search criteria. This list may be partial according to requested block.

TransactionReport <TxRpt> contains the following **ServiceResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1205
	Context <Cntxt>	[1..1]		C10	1211
	PaymentContext <PmtCntxt>	[0..1]			1214
	CardPresent <CardPres>	[0..1]	Indicator		1214
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1214
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1215
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1215
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1215
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1215
	BusinessArea <BizArea>	[0..1]	CodeSet		1216
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1216
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1216
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1217
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1217
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1218
	SaleContext <SaleCntxt>	[0..1]			1218
	SaleIdentification <SaleId>	[0..1]	Text		1219
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1219
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1220
	CashierIdentification <CshrId>	[0..1]	Text		1220
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1220
	ShiftNumber <ShftNb>	[0..1]	Text		1220
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1220
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1220
	InvoiceNumber <InvNb>	[0..1]	Text		1220
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1221
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1221
	CommonName <CmonNm>	[1..1]	Text		1221
	Address <Adr>	[0..1]	Text		1221
	CountryCode <CtryCd>	[1..1]	CodeSet		1221
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1221

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1221
	SplitPayment <SpltPmt>	[0..1]	Indicator		1222
	RemainingAmount <RmngAmt>	[0..1]	Amount		1222
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1222
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1222
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1222
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1223
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1223
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1223
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1224
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1224
	SystemToNotify <SysToNtfy>	[0..1]	Text		1224
	Debtor <Dbtr>	[0..1]	±		1225
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1226
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1226
	Creditor <Cdtr>	[0..1]	±		1226
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1227
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1228
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1228
	Debtor <Dbtr>	[0..1]	±		1229
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1230
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1231
	Creditor <Cdtr>	[0..1]	±		1231
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1232
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1233
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1233
	MandateIdentification <MndtId>	[1..1]	Text		1234
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1234
	MandateImage <MndtImg>	[0..1]	Binary		1234
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1234
	ServiceContent <SvcCntt>	[1..1]	CodeSet		1234

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentResponse <PmtRspn>	[0..1]			1235
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1236
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1237
	POITransactionIdentification <POITxId>	[1..1]	±		1237
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1237
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1237
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1237
	PaymentReceipt <PmtRct>	[0..*]	±		1244
	LoyaltyResult <LtyRslt>	[0..*]			1245
	Account <Acct>	[1..1]	±		1245
	Amount <Amt>	[0..1]			1246
	Unit <Unit>	[0..1]	CodeSet		1246
	Currency <Ccy>	[0..1]	CodeSet	C1	1246
	Amount <Amt>	[1..1]	Amount		1247
	ServerData <SvrData>	[0..1]			1247
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1247
	ApprovalCode <ApprvlCd>	[0..1]	Text		1247
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1247
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1248
	Rebates <Rbts>	[0..1]			1248
	TotalRebate <TtlRbt>	[0..1]	Amount		1248
	RebateLabel <RbtLbl>	[0..1]	Text		1248
	SaleItemRebate <SaleItmRbt>	[0..*]			1248
	SaleItem <SaleItm>	[1..1]	±		1249
	RebateLabel <RbtLbl>	[0..1]	Text		1249
	CustomerOrder <CstmrOrd>	[0..*]	±		1249
	ReversalResponse <RvsRspn>	[0..1]			1250
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1255
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1255
	POITransactionIdentification <POITxId>	[1..1]	±		1256
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1256

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1256
	ReversalTransactionResult <RvsITxRslt>	[1..1]			1256
	POIReconciliationIdentification <POIRcnccltnId>	[0..1]	Text		1261
	OriginalPaymentTransaction <OrgnIPmtTx>	[0..1]			1261
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1266
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1266
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		1267
	TransactionType <TxTp>	[1..1]	CodeSet		1267
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1268
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1269
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1269
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1269
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1270
	TransactionIdentification <TxId>	[1..1]	±		1270
	OriginalTransaction <OrgnITx>	[0..1]			1270
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIIdentification <POIID>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1278

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1281
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1282
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1282
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1282
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1282
	TransactionDetails <TxDtls>	[1..1]			1283
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1289
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcrng>	[0..1]	±		1299
	AggregationTransaction <AggtnTx>	[0..1]	±		1300
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <Saleitm>	[0..*]	±		1300
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrctcdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1303
	AuthorisationResult <AuthstnRslt>	[0..1]			1303
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1305
	CustomerOrder <CstmrOrd>	[0..1]	±		1305
	CustomerToken <CstmrTkn>	[0..1]	±		1305
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1306
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1306
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1306
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1307
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1307
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1307
	CustomerOrder <CstmrOrd>	[0..*]	±		1307
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1307
	Receipt <Rct>	[0..*]	±		1308
	BalanceInquiryResponse <BalNqryRspn>	[0..1]			1308
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1309
	POITransactionIdentification <POITxId>	[0..1]	±		1309
	PaymentAccount <PmtAcct>	[0..1]			1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	CurrentBalance <CurBal>	[0..1]	Amount		1310
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1310
	LoyaltyAccount <LltyAcct>	[0..1]	±		1311
	StoredValueAccount <StordValAcct>	[0..*]			1311
	AccountType <AcctTp>	[0..1]	CodeSet		1312
	IdentificationType <IdTp>	[0..1]	CodeSet		1313
	Identification <Id>	[0..1]	Text		1313
	Brand <Brnd>	[0..1]	Text		1313
	Provider <Prvdr>	[0..1]	Text		1313
	OwnerName <OwnrNm>	[0..1]	Text		1313

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExpiryDate <XpryDt>	[0..1]	Text		1314
	EntryMode <NtryMd>	[0..1]	CodeSet		1314
	Currency <Ccy>	[0..1]	CodeSet	C1	1314
	Balance <Bal>	[0..1]	Amount		1315
	Receipt <Rct>	[0..*]	±		1315
	LoyaltyResponse <LtyRspn>	[0..1]			1315
	SaleTransactionIdentification <SaleTxld>	[1..1]	±		1316
	POITransactionIdentification <POITxld>	[1..1]	±		1316
	POIReconciliationIdentification <POIRcncltnld>	[0..1]	Text		1317
	Result <Rslt>	[0..*]			1317
	Account <Acct>	[1..1]	±		1317
	Amount <Amt>	[0..1]			1318
	Unit <Unit>	[0..1]	CodeSet		1318
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	Amount <Amt>	[1..1]	Amount		1319
	ServerData <SvrData>	[0..1]			1319
	LoyaltyServerIdentification <LtySvrld>	[0..1]	Text		1319
	ApprovalCode <ApprvlCd>	[0..1]	Text		1319
	LoyaltyTransactionIdentification <LtyTxld>	[0..1]	±		1319
	HostReconciliationIdentification <HstRcncltnld>	[0..1]	Text		1320
	Rebates <Rbts>	[0..1]			1320
	TotalRebate <TtlRbt>	[0..1]	Amount		1320
	RebateLabel <RbtLbl>	[0..1]	Text		1320
	SaleItemRebate <SaleItmRbt>	[0..*]			1320
	SaleItem <SaleItm>	[1..1]	±		1321
	RebateLabel <RbtLbl>	[0..1]	Text		1321
	StoredValueResponse <StordValRspn>	[0..1]			1321
	SaleTransactionIdentification <SaleTxld>	[0..1]	±		1327
	POITransactionIdentification <POITxld>	[1..1]	±		1327
	Result <Rslt>	[0..*]			1327
	Provider <Prvdr>	[0..1]	Text		1332

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1333
	AccountIdentification <AcctId>	[0..1]			1333
	AccountType <AcctTp>	[0..1]	CodeSet		1333
	IdentificationType <IdTp>	[0..1]	CodeSet		1334
	Identification <Id>	[0..1]	Text		1335
	Brand <Brnd>	[0..1]	Text		1335
	Provider <Prvdr>	[0..1]	Text		1335
	OwnerName <OwnrNm>	[0..1]	Text		1335
	ExpiryDate <XpryDt>	[0..1]	Text		1335
	EntryMode <NtryMd>	[0..1]	CodeSet		1335
	Currency <Ccy>	[0..1]	CodeSet	C1	1336
	Balance <Bal>	[0..1]	Amount		1336
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1336
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1341
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1341
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		1342
	TransactionType <TxTp>	[1..1]	CodeSet		1342
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1343
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1344
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1344
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1344
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1345
	TransactionIdentification <TxId>	[1..1]	±		1345
	OriginalTransaction <OrgnlTx>	[0..1]			1345
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347
	POIIdentification <POIID>	[1..1]	±		1347
	CurrencyConversion <CcyConvs>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvsDtls>	[0..*]			1350

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1357
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1357
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1357
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1357
	TransactionDetails <TxDtls>	[1..1]			1358
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtldAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvAmt>	[0..1]	Amount		1362
	ValidityDate <VldtyDt>	[0..1]	Date		1362
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcrng>	[0..1]	±		1374
	AggregationTransaction <AggtTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <Saleitm>	[0..*]	±		1375
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1376
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1376
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377
	AdditionalInformation <AddtlInf>	[0..*]			1377

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrctcdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1378
	AuthorisationResult <AuthstnRslt>	[0..1]			1378
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1380
	CustomerOrder <CstmrOrd>	[0..1]	±		1380
	CustomerToken <CstmrTkn>	[0..1]	±		1380
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1381
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1381
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1381
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1381
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1382
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1382
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1382
	ProductCode <PdctCd>	[0..1]	Text		1382
	EANUPC <EANUPC>	[0..1]	Text		1382
	ItemAmount <ItmAmt>	[0..1]	Amount		1382
	Currency <Ccy>	[0..1]	CodeSet	C1	1382
	HostTransactionIdentification <HstTxId>	[0..1]	±		1383
	Receipt <Rct>	[0..*]	±		1383
	BatchResponse <BtchRspn>	[0..1]			1383
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1384
	POIBatchIdentification <POIBtchId>	[0..1]	±		1385

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PerformedTransaction <PrfrmdTx>	[0..*]			1385
	Response <Rspn>	[1..1]	±		1386
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1387
	POITransactionIdentification <POITxId>	[0..1]	±		1387
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1387
	PaymentResult <PmtRsIt>	[0..1]	±		1387
	LoyaltyResult <LtyRsIt>	[0..*]			1394
	Account <Acct>	[1..1]	±		1395
	Amount <Amt>	[0..1]			1396
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397
	ServerData <SvrData>	[0..1]			1397
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1397
	ApprovalCode <ApprvICd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398
	Rebates <Rbts>	[0..1]			1398
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleItmRbt>	[0..*]			1398
	SaleItem <SaleItm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1399
	CardAcquisitionResponse <CardAcqstnRspn>	[0..1]			1400
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1400
	POITransactionIdentification <POITxId>	[1..1]	±		1400
	PaymentBrand <PmtBrnd>	[0..*]	Text		1400
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1401
	LoyaltyAccount <LtyAcct>	[0..*]	±		1401
	CustomerOrder <CstmrOrdr>	[0..*]	±		1401

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		1402
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1402

26.4.2.4.4.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <CrdhldrId>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <DrvrId>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

26.4.2.4.4.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the transaction is performed (payment and sale).

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1214
	CardPresent <CardPres>	[0..1]	Indicator		1214
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1214
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1215
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1215
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1215
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1215
	BusinessArea <BizArea>	[0..1]	CodeSet		1216
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1216
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1216
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1217
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1217
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1218
	SaleContext <SaleCntxt>	[0..1]			1218
	SaleIdentification <SaleId>	[0..1]	Text		1219
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1219
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1220
	CashierIdentification <CshrId>	[0..1]	Text		1220
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1220
	ShiftNumber <ShftNb>	[0..1]	Text		1220
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1220
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1220
	InvoiceNumber <InvNb>	[0..1]	Text		1220
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1221
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1221
	CommonName <CmonNm>	[1..1]	Text		1221
	Address <Adr>	[0..1]	Text		1221
	CountryCode <CtryCd>	[1..1]	CodeSet		1221
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1221
	RegisteredIdentifier <Regldr>	[1..1]	Text		1221
	SplitPayment <SpltPmt>	[0..1]	Indicator		1222

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1222
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1222
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1222
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1222
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1223
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1223
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1223
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1224
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1224
	SystemToNotify <SysToNtfy>	[0..1]	Text		1224
	Debtor <Dbtr>	[0..1]	±		1225
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1226
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1226
	Creditor <Cdtr>	[0..1]	±		1226
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1227
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1228
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1228
	Debtor <Dbtr>	[0..1]	±		1229
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1230
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1231
	Creditor <Cdtr>	[0..1]	±		1231
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1232
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1233
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1233
	MandateIdentification <Mndtld>	[1..1]	Text		1234
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1234
	MandateImage <Mndtlmg>	[0..1]	Binary		1234
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1234

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

26.4.2.4.4.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1214
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1214
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1215
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1215
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1215
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1215
	BusinessArea <BizArea>	[0..1]	CodeSet		1216
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1216
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1216
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1217
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1217
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1218

26.4.2.4.4.2.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

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.

26.4.2.4.4.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

26.4.2.4.4.2.1.6 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 2370

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.

26.4.2.4.4.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

26.4.2.4.4.2.1.8 AttendantMessageCapable <AttdntMsgCpbl>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.1.9 AttendantLanguage <AttdntLang>

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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.4.2.4.4.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

26.4.2.4.4.2.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

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.

26.4.2.4.4.2.1.12 SupportedOption <SprrtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

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.

26.4.2.4.4.2.2 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		1219
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1219
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1220
	CashierIdentification <CshrId>	[0..1]	Text		1220
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1220
	ShiftNumber <ShftNb>	[0..1]	Text		1220
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1220
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1220
	InvoiceNumber <InvcNb>	[0..1]	Text		1220
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1221
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1221
	CommonName <CmonNm>	[1..1]	Text		1221
	Address <Adr>	[0..1]	Text		1221
	CountryCode <CtryCd>	[1..1]	CodeSet		1221
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1221
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1221
	SplitPayment <SpltPmt>	[0..1]	Indicator		1222
	RemainingAmount <RmngAmt>	[0..1]	Amount		1222
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1222
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1222
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1222
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1223
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1223

26.4.2.4.4.2.2.1 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 2382

26.4.2.4.4.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.4.2.4.4.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

26.4.2.4.4.2.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.2.10 DeliveryNoteNumber <DivryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.2.11 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		1221
	Address <Adr>	[0..1]	Text		1221
	CountryCode <CtryCd>	[1..1]	CodeSet		1221
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1221
	RegisteredIdentifier <Regldr>	[1..1]	Text		1221

26.4.2.4.4.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

26.4.2.4.4.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

26.4.2.4.4.2.2.11.4 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 2385

26.4.2.4.4.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.2.13 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 2313

26.4.2.4.4.2.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

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.)

26.4.2.4.4.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

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.

26.4.2.4.4.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1224
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1224
	SystemToNotify <SysToNtfy>	[0..1]	Text		1224
	Debtor <Dbtr>	[0..1]	±		1225
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1226
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1226
	Creditor <Cdtr>	[0..1]	±		1226
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1227
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1228

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

26.4.2.4.4.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

26.4.2.4.4.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.4.4.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

26.4.2.4.4.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

26.4.2.4.4.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.4.4.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

```
Following Must be True
    /Identification Must be present
Or    /Proxy Must be present
```

26.4.2.4.4.2.3.9 ProtectedCreditorAccount <PrctcdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrctcdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.4.4.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1229
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1230
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1231
	Creditor <Cdtr>	[0..1]	±		1231
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1232
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1233
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1233
	MandateIdentification <MndtId>	[1..1]	Text		1234
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1234
	MandateImage <MndtImg>	[0..1]	Binary		1234
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1234

26.4.2.4.4.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer </Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer </Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.4.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

26.4.2.4.4.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.4.4.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

26.4.2.4.4.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

26.4.2.4.4.2.4.6 ProtectedCreditorAccount <PrctcdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrctcdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.4.4.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1234
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1234
	MandateImage <MndtImg>	[0..1]	Binary		1234
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1234

26.4.2.4.4.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

26.4.2.4.4.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

26.4.2.4.4.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.4.4.3 ServiceContent <SvcCntt>

Presence: [1..1]

Definition: Define the type of service response.

Datatype: "RetailerService3Code" on page 2365

CodeName	Name	Definition
FSPP	FinancialPaymentResponse	The POI System sends a response to a payment request (Purchase/refund/PWCB/MOTO Payment/...).
FSRP	FinancialReversalResponse	The POI System sends a response to a reversal request.
FSIP	FinancialBalanceInquiryResponse	The POI System sends a response to a Balance Inquiry request.
FSBP	FinancialBatchResponse	The POI System sends a response to a batch processing request.
FSLP	FinancialLoyaltyResponse	The POI System sends a response to a loyalty processing request.
FSVP	FinancialStoredValueResponse	The POI System sends a response to a stored value card or account request.
FSEP	FinancialEnableServiceResponse	The POI System sends a response after enabling or not some service.
FSAP	FinancialCardAcquisitionResponse	The POI System sends a response to a card data acquisition request.
FSCP	FinancialReconciliationResponse	The POI System sends a response to a reconciliation request.

26.4.2.4.4.4 PaymentResponse <PmtRspn>

Presence: [0..1]

Definition: Data to respond to a Payment request.

PaymentResponse <PmtRspn> contains the following **PaymentResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1236
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1237
	POITransactionIdentification <POITxId>	[1..1]	±		1237
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1237
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1237
	RetailerPaymentResult <RtlrPmtRslt>	[1..1]	±		1237
	PaymentReceipt <PmtRct>	[0..*]	±		1244
	LoyaltyResult <LltyRslt>	[0..*]			1245
	Account <Acct>	[1..1]	±		1245
	Amount <Amt>	[0..1]			1246
	Unit <Unit>	[0..1]	CodeSet		1246
	Currency <Ccy>	[0..1]	CodeSet	C1	1246
	Amount <Amt>	[1..1]	Amount		1247
	ServerData <SvrData>	[0..1]			1247
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1247
	ApprovalCode <ApprvlCd>	[0..1]	Text		1247
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1247
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1248
	Rebates <Rbts>	[0..1]			1248
	TotalRebate <TtlRbt>	[0..1]	Amount		1248
	RebateLabel <RbtLabl>	[0..1]	Text		1248
	SaleItemRebate <SaleitmRbt>	[0..*]			1248
	SaleItem <Saleitm>	[1..1]	±		1249
	RebateLabel <RbtLabl>	[0..1]	Text		1249
	CustomerOrder <CstmrOrd>	[0..*]	±		1249

26.4.2.4.4.4.1 SaleTransactionIdentification <SaleTxId>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1" on page 2111](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.4.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: ["Max35Text" on page 2382](#)

26.4.2.4.4.4.3 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see ["TransactionIdentifier1" on page 2111](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.4.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: ["Max35Text" on page 2382](#)

26.4.2.4.4.4.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: ["Max140Text" on page 2380](#)

26.4.2.4.4.4.6 RetailerPaymentResult <RtlrPmtRslt>

Presence: [1..1]

Definition: Data related to the result of a processed payment transaction.

RetailerPaymentResult <RtlrPmtRslt> contains the following elements (see
"RetailerPaymentResult7" on page 2117 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2124
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		2125
	TransactionType <TxTp>	[1..1]	CodeSet		2126
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2126
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2127
	RequestedTransaction <ReqdTxx>	[0..1]			2127
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2132
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2132
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		2133
	TransactionType <TxTp>	[1..1]	CodeSet		2133
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2134
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2135
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2135
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2135
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2136
	TransactionIdentification <TxId>	[1..1]	±		2136
	OriginalTransaction <OrgnlTx>	[0..1]			2136
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2138
	TransactionIdentification <TxId>	[1..1]	±		2138
	POIIdentification <POIID>	[1..1]	±		2138
	CurrencyConversion <CcyConvs>	[0..1]			2138
	Result <Rslt>	[1..1]	CodeSet		2141
	ResultReason <RsltRsn>	[0..1]	Text		2141
	ConversionDetails <ConvsDtls>	[0..*]			2141
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2143
	TargetCurrency <TrgtCcy>	[1..1]			2143
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2144
	ExchangeRate <XchgRate>	[1..1]	Rate		2144
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2144
	QuotationDate <QtnDt>	[0..1]	DateTime		2144
	ValidFrom <VldFr>	[0..1]	DateTime		2144
	ValidUntil <VldUntil>	[0..1]	DateTime		2144
	SourceCurrency <SrcCcy>	[1..1]			2144
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145
	ApplicableBinRange <AplblBinRg>	[0..*]			2145
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146
	OriginalAmount <OrgnlAmt>	[0..1]			2146
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146
	CommissionDetails <ComssnDtls>	[0..*]			2147
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	MarkUpDetails <MrkUpDtls>	[0..*]			2147
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2147
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2148
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2148
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2148
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2148
	TransactionDetails <TxDtls>	[1..1]			2149
	Currency <Ccy>	[0..1]	CodeSet	C1	2152

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2152
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2152
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2152
	DetailedAmount <DtlAmt>	[0..1]	±		2152
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2153
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2153
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2153
	ValidityDate <VldtyDt>	[0..1]	Date		2153
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2153
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2154
	AccountType <AcctTp>	[0..1]	CodeSet		2154
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2155
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2157
	Conversion <Convs>	[0..1]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	Instalment <Instlmt>	[0..*]	±		2164
	Recurring <Rcrng>	[0..1]	±		2165
	AggregationTransaction <AggtnTx>	[0..1]	±		2166
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2166
	SaleItem <Saleitm>	[0..*]	±		2166
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2167
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2167
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2167
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2167
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2168
	AdditionalInformation <AddtlInf>	[0..*]			2168
	Identification <Id>	[1..1]	Text		2168
	Value <Val>	[0..1]	Binary		2168
	ProtectedValue <PrctdVal>	[0..1]	±		2168
	Type <Tp>	[0..1]	Text		2169
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2169
	AuthorisationResult <AuthstnRslt>	[0..1]			2169

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2169
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2170
	Response <Rspn>	[1..1]	CodeSet		2170
	ResponseReason <RspnRsn>	[0..1]	Text		2170
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2171
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2171
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2171
	CustomerOrder <CstmrOrd>	[0..1]	±		2171
	CustomerToken <CstmrTkn>	[0..1]	±		2171
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2172
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2172
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2172
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2172
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2173
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2173
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2173
	TransactionResponse <TxRspn>	[0..1]			2173
	AuthorisationResult <AuthstnRslt>	[1..1]			2176
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2176
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2177
	Response <Rspn>	[1..1]	CodeSet		2177
	ResponseReason <RspnRsn>	[0..1]	Text		2177
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2177
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2177
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2177
	TMSTrigger <TMSTrggr>	[0..1]			2178
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2178
	TMSIdentification <TMSId>	[0..1]	Text		2178
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2178
	AllowedProductCode <AllwdPdctCd>	[0..*]			2178
	ProductCode <PdctCd>	[1..1]	Text		2179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2180
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2180
	AmountLimit <AmtLmt>	[0..1]	Amount		2180
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2180
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2180
	Balance <Bal>	[0..1]	±		2182
	ProtectedBalance <PrctdBal>	[0..1]	±		2182
	Action <Actn>	[0..*]			2183
	ActionType <ActnTp>	[1..1]	CodeSet		2183
	MessageToPresent <MsgToPres>	[0..1]	±		2184
	RemoteAccess <RmotAccs>	[0..1]	±		2185
	Retry <Rtry>	[0..1]	±		2186
	TimeCondition <TmCond>	[0..1]	±		2186
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2188
	TargetCurrency <TrgtCcy>	[1..1]			2188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2188
	NumericCode <NmrcCd>	[1..1]	Text		2188
	Decimal <Dcml>	[1..1]	Quantity		2188
	Name <Nm>	[0..1]	Text		2189
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2189
	ExchangeRate <XchgRate>	[1..1]	Rate		2189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2189
	QuotationDate <QtnDt>	[0..1]	DateTime		2189
	ValidFrom <VldFr>	[0..1]	DateTime		2189
	ValidUntil <VldUntil>	[0..1]	DateTime		2189

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			2189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2190
	NumericCode <NmrcCd>	[0..1]	Text		2190
	Decimal <Dcml>	[0..1]	Quantity		2190
	Name <Nm>	[0..1]	Text		2190
	ApplicableBinRange <AplblBinRg>	[0..*]			2190
	LowerBin <LwrBin>	[1..1]	Text		2191
	HigherBin <HghrBin>	[1..1]	Text		2191
	OriginalAmount <OrgnlAmt>	[0..1]			2191
	ActualAmount <ActlAmt>	[0..1]	Amount		2191
	MinimumAmount <MinAmt>	[0..1]	Amount		2191
	MaximumAmount <MaxAmt>	[0..1]	Amount		2191
	CommissionDetails <ComssnDtls>	[0..*]			2192
	Amount <Amt>	[1..1]	Amount		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	MarkUpDetails <MrkUpDtls>	[0..*]			2192
	Rate <Rate>	[1..1]	Rate		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2192
	CustomerOrder <CstmrOrd>	[0..*]	±		2193
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2194
	ImageFormat <ImgFrmt>	[1..1]	Text		2194
	ImageData <ImgData>	[0..1]	Binary		2194
	ImageReference <ImgRef>	[0..1]	Text		2195
	AdditionalInformation <AddtlInf>	[0..1]	Text		2195
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2195
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2195
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	2195
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2195

26.4.2.4.4.4.7 PaymentReceipt <PmtRct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

PaymentReceipt <PmtRct> contains the following elements (see "PaymentReceipt6" on page 2115 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2116
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2116
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2116
	OutputContent <OutptCntt>	[1..1]	±		2117

26.4.2.4.4.4.8 LoyaltyResult <LtyRslt>

Presence: [0..*]

Definition: Data related to the result of a processed loyalty transaction.

LoyaltyResult <LtyRslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		1245
	Amount <Amt>	[0..1]			1246
	Unit <Unit>	[0..1]	CodeSet		1246
	Currency <Ccy>	[0..1]	CodeSet	C1	1246
	Amount <Amt>	[1..1]	Amount		1247
	ServerData <SvrData>	[0..1]			1247
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1247
	ApprovalCode <ApprvlCd>	[0..1]	Text		1247
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1247
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1248
	Rebates <Rbts>	[0..1]			1248
	TotalRebate <TtlRbt>	[0..1]	Amount		1248
	RebateLabel <RbtLbl>	[0..1]	Text		1248
	SaleItemRebate <SaleItmRbt>	[0..*]			1248
	SaleItem <SaleItm>	[1..1]	±		1249
	RebateLabel <RbtLbl>	[0..1]	Text		1249

26.4.2.4.4.4.8.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2083 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2083
	EntryMode <NtryMd>	[0..1]	CodeSet		2084
	IdentificationType <IdTp>	[0..1]	CodeSet		2084
	Brand <Brnd>	[0..1]	Text		2085
	Provider <Prvdr>	[0..1]	Text		2085
	OwnerName <OwnrNm>	[0..1]	Text		2085
	Unit <Unit>	[0..1]	CodeSet		2085
	Currency <Ccy>	[0..1]	CodeSet	C1	2085
	Balance <Bal>	[0..1]	Amount		2086

26.4.2.4.4.4.8.2 Amount <Amt>

Presence: [0..1]

Definition: Amount.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		1246
	Currency <Ccy>	[0..1]	CodeSet	C1	1246
	Amount <Amt>	[1..1]	Amount		1247

26.4.2.4.4.4.8.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "[AmountUnit1Code](#)" on page 2326

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.4.4.4.8.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "[ActiveCurrency](#)"

Datatype: "[ActiveCurrencyCode](#)" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3 ServerData <SvrData>

Presence: [0..1]

Definition: Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1247
	ApprovalCode <ApprvICd>	[0..1]	Text		1247
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1247
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1248

26.4.2.4.4.8.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2385

26.4.2.4.4.8.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see
"TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.4.8.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.4.8.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		1248
	RebateLabel <RbtLabl>	[0..1]	Text		1248
	SaleItemRebate <SaleitmRbt>	[0..*]			1248
	SaleItem <Saleitm>	[1..1]	±		1249
	RebateLabel <RbtLabl>	[0..1]	Text		1249

26.4.2.4.4.4.8.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.4.8.4.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.4.8.4.3 SaleItemRebate <SaleitmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleitmRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		1249
	RebateLabel <RbtLbl>	[0..1]	Text		1249

26.4.2.4.4.4.8.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

26.4.2.4.4.4.8.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.4.9 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Customer order attached to a customer, recorded in the POI system.

CustomerOrder <CstmrOrd> contains the following elements (see "CustomerOrder1" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

26.4.2.4.4.5 ReversalResponse <RvslRspn>

Presence: [0..1]

Definition: Response Data to a Reversal request.

ReversalResponse <RvslRspn> contains the following **ReversalResponse9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1255
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1255
	POITransactionIdentification <POITxId>	[1..1]	±		1256
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1256
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1256
	ReversalTransactionResult <RvslTxRslt>	[1..1]			1256
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1261
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1261
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1266
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1266
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		1267
	TransactionType <TxTp>	[1..1]	CodeSet		1267
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1268
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1269
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1269
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1269
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1270
	TransactionIdentification <TxId>	[1..1]	±		1270
	OriginalTransaction <OrgnlTx>	[0..1]			1270
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIIdentification <POIID>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1281
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1282
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1282
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1282
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1282

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDetails <TxDtIs>	[1..1]			1283
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286
	DetailedAmount <DtldAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1289
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <ApblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcrng>	[0..1]	±		1299
	AggregationTransaction <AggtTx>	[0..1]	±		1300
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <Saleitm>	[0..*]	±		1300
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrctcdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1303
	AuthorisationResult <AuthstnRsIt>	[0..1]			1303
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1305
	CustomerOrder <CstmrOrd>	[0..1]	±		1305
	CustomerToken <CstmrTkn>	[0..1]	±		1305
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1306
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1306
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	Text		1306
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1306
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1307
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1307
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1307
	CustomerOrder <CstmrOrd>	[0..*]	±		1307
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1307
	Receipt <Rct>	[0..*]	±		1308

26.4.2.4.4.5.1 SaleTransactionIdentification <SaleTxId>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.5.2 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.3 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.5.4 POIRconciliationIdentification <POIRcnclntId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.5 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2380

26.4.2.4.4.5.6 ReversalTransactionResult <RvslTxRslt>

Presence: [1..1]

Definition: Result of reversal transaction.

ReversalTransactionResult <RvslTxRslt> contains the following **RetailerReversalResult7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1261
	OriginalPaymentTransaction <OrgnlPmtTx>	[0..1]			1261
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1266
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1266
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		1267
	TransactionType <TxTp>	[1..1]	CodeSet		1267
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1268
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1269
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1269
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1269
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1270
	TransactionIdentification <TxId>	[1..1]	±		1270
	OriginalTransaction <OrgnlTx>	[0..1]			1270
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIIdentification <POIID>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1281
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1282
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1282
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1282
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1282
	TransactionDetails <TxDtls>	[1..1]			1283
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286
	DetailedAmount <DtldAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1289
	AcceptedByCardholder <AcctpdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtDtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcrng>	[0..1]	±		1299
	AggregationTransaction <AggtnTx>	[0..1]	±		1300
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <Saleitm>	[0..*]	±		1300
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrtctdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1303
	AuthorisationResult <AuthstnRslt>	[0..1]			1303
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1305
	CustomerOrder <CstmrOrdr>	[0..1]	±		1305
	CustomerToken <CstmrTkn>	[0..1]	±		1305
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1306
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1306
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1306
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1307
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1307
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1307
	CustomerOrder <CstmrOrdr>	[0..*]	±		1307

26.4.2.4.4.5.6.1 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: POI reconciliation identification.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2 OriginalPaymentTransaction <OrgnlPmtTx>

Presence: [0..1]

Definition: Original Transaction if any linked to this reversal.

OriginalPaymentTransaction <OrgnPmtTx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1266
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1266
	PaymentTypeInfoInformation <PmtTpInf>	[0..1]	±		1267
	TransactionType <TxTp>	[1..1]	CodeSet		1267
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1268
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1269
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1269
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1269
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1270
	TransactionIdentification <TxId>	[1..1]	±		1270
	OriginalTransaction <OrgnlTx>	[0..1]			1270
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIIdentification <POIID>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <DclrtDtls>	[0..*]	±		1281
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1282
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1282
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1282
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1282
	TransactionDetails <TxDtls>	[1..1]			1283
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286
	DetailedAmount <DtlAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1289
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcrng>	[0..1]	±		1299
	AggregationTransaction <AggtnTx>	[0..1]	±		1300
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <Saleitm>	[0..*]	±		1300
	DeliveryLocation <DivryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrctcdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1303
	AuthorisationResult <AuthstnRslt>	[0..1]			1303
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1305
	CustomerOrder <CstmrOrd>	[0..1]	±		1305
	CustomerToken <CstmrTkn>	[0..1]	±		1305
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1306
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1306
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1306
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1307
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1307
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1307

26.4.2.4.4.5.6.2.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.5.6.2.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2357

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.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries,

CodeName	Name	Definition
		authorisation is in the form of a mandate between the debtor and creditor.
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

26.4.2.4.4.5.6.2.3 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2226 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrt>	[0..1]	CodeSet		2227
	ServiceLevel <SvcLvl>	[0..*]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2227
Or}	Proprietary <Prtry>	[1..1]	Text		2227
	LocalInstrument <LclInstrm>	[0..1]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228
	CategoryPurpose <CtgyPurp>	[0..1]			2228
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

26.4.2.4.4.5.6.2.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2336

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

26.4.2.4.4.5.6.2.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

26.4.2.4.4.5.6.2.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

26.4.2.4.4.5.6.2.7 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.5.6.2.8 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 2385

26.4.2.4.4.5.6.2.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.10 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.5.6.2.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	POIdentification <POId>	[1..1]	±		1272
	CurrencyConversion <CcyConvs>	[0..1]			1272
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1281

26.4.2.4.4.5.6.2.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.11.2 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.5.6.2.11.3 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2019
	Type <Tp>	[0..1]	CodeSet		2019
	Issuer <Issr>	[0..1]	CodeSet		2019
	ShortName <ShrtNm>	[0..1]	Text		2020

26.4.2.4.4.5.6.2.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1275
	ResultReason <RsltRsn>	[0..1]	Text		1275
	ConversionDetails <ConvsDtls>	[0..*]			1275
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplblBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkupDetails <MrkUpDtls>	[0..*]			1281

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1281

26.4.2.4.4.5.6.2.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2339

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.

26.4.2.4.4.5.6.2.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1277
	TargetCurrency <TrgtCcy>	[1..1]			1277
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277
	ResultingAmount <RsltAmt>	[0..1]	Amount		1278
	ExchangeRate <XchgRate>	[1..1]	Rate		1278
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1278
	QuotationDate <QtnDt>	[0..1]	DateTime		1278
	ValidFrom <VldFr>	[0..1]	DateTime		1278
	ValidUntil <VldUntil>	[0..1]	DateTime		1278
	SourceCurrency <SrcCcy>	[1..1]			1278
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279
	ApplicableBinRange <AplBlBinRg>	[0..*]			1279
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280
	OriginalAmount <OrgnlAmt>	[0..1]			1280
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280
	CommissionDetails <ComssnDtls>	[0..*]			1281
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	MarkUpDetails <MrkUpDtls>	[0..*]			1281
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281
	DeclarationDetails <DclrtDtls>	[0..*]	±		1281

26.4.2.4.4.5.6.2.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.11.4.3.2 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	1277
	NumericCode <NmrcCd>	[1..1]	Text		1277
	Decimal <Dcml>	[1..1]	Quantity		1277
	Name <Nm>	[0..1]	Text		1277

26.4.2.4.4.5.6.2.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.5.6.2.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.5.6.2.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.5.6.2.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.11.4.3.4 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 2378

26.4.2.4.4.5.6.2.11.4.3.5 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 2378

26.4.2.4.4.5.6.2.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.5.6.2.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.5.6.2.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.5.6.2.11.4.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1279
	NumericCode <NmrcCd>	[0..1]	Text		1279
	Decimal <Dcml>	[0..1]	Quantity		1279
	Name <Nm>	[0..1]	Text		1279

26.4.2.4.4.5.6.2.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.5.6.2.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.5.6.2.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.5.6.2.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.11.4.3.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1280
	HigherBin <HghrBin>	[1..1]	Text		1280

26.4.2.4.4.5.6.2.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.5.6.2.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.5.6.2.11.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1280
	MinimumAmount <MinAmt>	[0..1]	Amount		1280
	MaximumAmount <MaxAmt>	[0..1]	Amount		1280

26.4.2.4.4.5.6.2.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.11.4.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281

26.4.2.4.4.5.6.2.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.5.6.2.11.4.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1281
	AdditionalInformation <AddtlInf>	[0..1]	Text		1281

26.4.2.4.4.5.6.2.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

26.4.2.4.4.5.6.2.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.5.6.2.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

26.4.2.4.4.5.6.2.12 ReconciliationIdentification <RcnclntId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2380

26.4.2.4.4.5.6.2.14 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 2380

26.4.2.4.4.5.6.2.15 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 2380

26.4.2.4.4.5.6.2.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1286
	TotalAmount <TtlAmt>	[1..1]	Amount		1286
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1286
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1286
	DetailedAmount <DtldAmt>	[0..1]	±		1286
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1287
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1287
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1287
	ValidityDate <VldtyDt>	[0..1]	Date		1287
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1287
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		1288
	AccountType <AcctTp>	[0..1]	CodeSet		1288
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1289
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1297
	Instalment <Instlmt>	[0..*]	±		1298
	Recurring <Rcrng>	[0..1]	±		1299
	AggregationTransaction <AggtTx>	[0..1]	±		1300
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1300
	SaleItem <Saleitm>	[0..*]	±		1300
	DeliveryLocation <DivryLctn>	[0..1]	Text		1301
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1301
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1301
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1301
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1302
	AdditionalInformation <AddtlInf>	[0..*]			1302
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrctcdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1303

26.4.2.4.4.5.6.2.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.5.6.2.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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.

26.4.2.4.4.5.6.2.16.5 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

26.4.2.4.4.5.6.2.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

26.4.2.4.4.5.6.2.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

26.4.2.4.4.5.6.2.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

26.4.2.4.4.5.6.2.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

26.4.2.4.4.5.6.2.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1291
	Conversion <Convs>	[0..1]			1291
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplblBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1297

26.4.2.4.4.5.6.2.16.13.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.5.6.2.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1293
	TargetCurrency <TrgtCcy>	[1..1]			1293
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293
	ResultingAmount <RsltAmt>	[0..1]	Amount		1294
	ExchangeRate <XchgRate>	[1..1]	Rate		1294
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1294
	QuotationDate <QtnDt>	[0..1]	DateTime		1294
	ValidFrom <VldFr>	[0..1]	DateTime		1294
	ValidUntil <VldUntil>	[0..1]	DateTime		1294
	SourceCurrency <SrcCcy>	[1..1]			1294
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295
	ApplicableBinRange <AplBlBinRg>	[0..*]			1295
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296
	OriginalAmount <OrgnlAmt>	[0..1]			1296
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296
	CommissionDetails <ComssnDtls>	[0..*]			1297
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	MarkUpDetails <MrkUpDtls>	[0..*]			1297
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297
	DeclarationDetails <DclrtDtls>	[0..*]	±		1297

26.4.2.4.4.5.6.2.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.16.13.2.2 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	1293
	NumericCode <NmrcCd>	[1..1]	Text		1293
	Decimal <Dcml>	[1..1]	Quantity		1293
	Name <Nm>	[0..1]	Text		1293

26.4.2.4.4.5.6.2.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.5.6.2.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.5.6.2.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.5.6.2.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.13.2.4 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 2378

26.4.2.4.4.5.6.2.16.13.2.5 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 2378

26.4.2.4.4.5.6.2.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.5.6.2.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.5.6.2.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.5.6.2.16.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1295
	NumericCode <NmrcCd>	[0..1]	Text		1295
	Decimal <Dcml>	[0..1]	Quantity		1295
	Name <Nm>	[0..1]	Text		1295

26.4.2.4.4.5.6.2.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.5.6.2.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.5.6.2.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.5.6.2.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.16.13.2.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1296
	HigherBin <HghrBin>	[1..1]	Text		1296

26.4.2.4.4.5.6.2.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.5.6.2.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.5.6.2.16.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1296
	MinimumAmount <MinAmt>	[0..1]	Amount		1296
	MaximumAmount <MaxAmt>	[0..1]	Amount		1296

26.4.2.4.4.5.6.2.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297

26.4.2.4.4.5.6.2.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.5.6.2.16.13.2.13 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkUpDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1297
	AdditionalInformation <AddtlInf>	[0..1]	Text		1297

26.4.2.4.4.5.6.2.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

26.4.2.4.4.5.6.2.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.5.6.2.16.13.2.14 DeclarationDetails <DclrtNdtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

26.4.2.4.4.5.6.2.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

26.4.2.4.4.5.6.2.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

26.4.2.4.4.5.6.2.16.16 AggregationTransaction <AggtTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

26.4.2.4.4.5.6.2.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

26.4.2.4.4.5.6.2.16.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

26.4.2.4.4.5.6.2.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.5.6.2.16.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.4.5.6.2.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.4.5.6.2.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.4.5.6.2.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.6.2.16.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1302
	Value <Val>	[0..1]	Binary		1302
	ProtectedValue <PrctcdVal>	[0..1]	±		1302
	Type <Tp>	[0..1]	Text		1303

26.4.2.4.4.5.6.2.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

26.4.2.4.4.5.6.2.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

26.4.2.4.4.5.6.2.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.4.4.5.6.2.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

26.4.2.4.4.5.6.2.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

26.4.2.4.4.5.6.2.17 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]	±		1303
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1304
	Response <Rspn>	[1..1]	CodeSet		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1305

26.4.2.4.4.5.6.2.17.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

26.4.2.4.4.5.6.2.17.2 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		1304
	ResponseReason <RspnRsn>	[0..1]	Text		1304
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1305

26.4.2.4.4.5.6.2.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2363

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).

26.4.2.4.4.5.6.2.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2382

26.4.2.4.4.5.6.2.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

26.4.2.4.4.5.6.2.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

26.4.2.4.4.5.6.2.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.5.6.2.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

26.4.2.4.4.5.6.2.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2308
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2309
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2309
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2309
	TokenRequestor <TknRqstr>	[0..1]			2309
	ProviderIdentification <PrvdrId>	[1..1]	Text		2309
	RequestorIdentification <RqstrId>	[1..1]	Text		2309
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2309
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2310
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2310
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2310

26.4.2.4.4.5.6.2.21 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.5.6.2.22 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "[Max35Text](#)" on page 2382

26.4.2.4.4.5.6.2.23 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "[Max35Text](#)" on page 2382

26.4.2.4.4.5.6.2.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.5.6.2.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.5.6.2.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.5.6.2.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.5.6.3 CustomerOrder <CstmrOrdr>

Presence: [0..*]

Definition: Updated Customer order list after reversal.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrlId>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

26.4.2.4.4.5.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount that have been reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.5.8 Receipt <Rct>

Presence: [0..*]

Definition: Various receipts linked to the reversal.

Receipt <Rct> contains the following elements (see "[PaymentReceipt6](#)" on page 2115 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2116
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2116
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2116
	OutputContent <OutptCntt>	[1..1]	±		2117

26.4.2.4.4.6 BalanceInquiryResponse <BalNqryRspn>

Presence: [0..1]

Definition: Response data to a balance inquiry service request.

BalanceInquiryResponse <BalInqRspn> contains the following **BalanceInquiryResponse6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1309
	POITransactionIdentification <POITxId>	[0..1]	±		1309
	PaymentAccount <PmtAcct>	[0..1]			1310
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	CurrentBalance <CurBal>	[0..1]	Amount		1310
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1310
	LoyaltyAccount <LltyAcct>	[0..1]	±		1311
	StoredValueAccount <StordValAcct>	[0..*]			1311
	AccountType <AcctTp>	[0..1]	CodeSet		1312
	IdentificationType <IdTp>	[0..1]	CodeSet		1313
	Identification <Id>	[0..1]	Text		1313
	Brand <Brnd>	[0..1]	Text		1313
	Provider <Prvdr>	[0..1]	Text		1313
	OwnerName <OwnrNm>	[0..1]	Text		1313
	ExpiryDate <XpryDt>	[0..1]	Text		1314
	EntryMode <NtryMd>	[0..1]	CodeSet		1314
	Currency <Ccy>	[0..1]	CodeSet	C1	1314
	Balance <Bal>	[0..1]	Amount		1315
	Receipt <Rct>	[0..*]	±		1315

26.4.2.4.4.6.1 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.6.2 POITransactionIdentification <POITxId>

Presence: [0..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see ["TransactionIdentifier1"](#) on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.6.3 PaymentAccount <PmtAcct>

Presence: [0..1]

Definition: Payment account information.

PaymentAccount <PmtAcct> contains the following **PaymentAccount3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1310
	CurrentBalance <CurBal>	[0..1]	Amount		1310
	PaymentAcquirerData <PmtAcqrrData>	[0..1]	±		1310

26.4.2.4.4.6.3.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Payment Account.

Impacted by: C1 "ActiveCurrency"

Datatype: ["ActiveCurrencyCode"](#) on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.6.3.2 CurrentBalance <CurBal>

Presence: [0..1]

Definition: Balance of a Payment Account

Datatype: ["ImpliedCurrencyAndAmount"](#) on page 2313

26.4.2.4.4.6.3.3 PaymentAcquirerData <PmtAcqrrData>

Presence: [0..1]

Definition: Detail of Acquirer.

PaymentAcquirerData <PmtAcqrrData> contains the following elements (see "[Acquirer10](#)" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1739
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1740

26.4.2.4.4.6.4 LoyaltyAccount <LltyAcct>

Presence: [0..1]

Definition: Loyalty account information.

LoyaltyAccount <LltyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2083 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LltyId>	[1..1]	Text		2083
	EntryMode <NtryMd>	[0..1]	CodeSet		2084
	IdentificationType <IdTp>	[0..1]	CodeSet		2084
	Brand <Brnd>	[0..1]	Text		2085
	Provider <Prvdr>	[0..1]	Text		2085
	OwnerName <OwnrNm>	[0..1]	Text		2085
	Unit <Unit>	[0..1]	CodeSet		2085
	Currency <Ccy>	[0..1]	CodeSet	C1	2085
	Balance <Bal>	[0..1]	Amount		2086

26.4.2.4.4.6.5 StoredValueAccount <StordValAcct>

Presence: [0..*]

Definition: Stored value account information.

StoredValueAccount <StordValAcct> contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1312
	IdentificationType <IdTp>	[0..1]	CodeSet		1313
	Identification <Id>	[0..1]	Text		1313
	Brand <Brnd>	[0..1]	Text		1313
	Provider <Prvdr>	[0..1]	Text		1313
	OwnerName <OwnrNm>	[0..1]	Text		1313
	ExpiryDate <XpryDt>	[0..1]	Text		1314
	EntryMode <NtryMd>	[0..1]	CodeSet		1314
	Currency <Ccy>	[0..1]	CodeSet	C1	1314
	Balance <Bal>	[0..1]	Amount		1315

26.4.2.4.4.6.5.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2367

CodeName	Name	Definition
BNKA	BankPrepaidAccount	Prepaid account managed by a financial institution for low income customers.
CWVC	CarwashVoucher	Car wash specific account.
CPYA	CompanyPrepaidAccount	Specific prepaid account for companies or professionals expenses.
ELMY	ElectronicMoneyAccount	Account supporting e-money issued by an electronic money issuer.
GIFT	GiftCard	Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.
GCER	GiftCertificate	Certificate to be given to a customer. Usually one shot voucher.
MLVC	MealVoucher	Meal and check voucher for restaurants.
OLVC	OnlineVoucher	Voucher that can be used online once or in several times.
MERC	MerchantAccount	Prepaid account open with a merchant or big retailers.
OTHR	OtherPrepaidAccount	Other non listed stored value instrument.
PHON	PhoneCard	Stored value instrument used to pay telephone services (e.g. card or identifier).

CodeName	Name	Definition
CARD	SmartCardTag	Stored value account hold on the chip of a smart card.
TRVL	Travel	Travel prepaid account.

26.4.2.4.4.6.5.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2334

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

26.4.2.4.4.6.5.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.6.5.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.6.5.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.6.5.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2383

26.4.2.4.4.6.5.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2379

26.4.2.4.4.6.5.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

26.4.2.4.4.6.5.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.6.5.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.6.6 Receipt <Rct>

Presence: [0..*]

Definition: Receipt to print after a balance inquiry.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2115 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2116
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2116
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2116
	OutputContent <OutptCntt>	[1..1]	±		2117

26.4.2.4.4.7 LoyaltyResponse <LityRspn>

Presence: [0..1]

Definition: Response data to a loyalty service request.

LoyaltyResponse <LtyRspn> contains the following **LoyaltyResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[1..1]	±		1316
	POITransactionIdentification <POITxId>	[1..1]	±		1316
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1317
	Result <Rslt>	[0..*]			1317
	Account <Acct>	[1..1]	±		1317
	Amount <Amt>	[0..1]			1318
	Unit <Unit>	[0..1]	CodeSet		1318
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	Amount <Amt>	[1..1]	Amount		1319
	ServerData <SvrData>	[0..1]			1319
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1319
	ApprovalCode <ApprvlCd>	[0..1]	Text		1319
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1319
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1320
	Rebates <Rbts>	[0..1]			1320
	TotalRebate <TtlRbt>	[0..1]	Amount		1320
	RebateLabel <RbtLabl>	[0..1]	Text		1320
	SaleItemRebate <SaleitmRbt>	[0..*]			1320
	SaleItem <Saleitm>	[1..1]	±		1321
	RebateLabel <RbtLabl>	[0..1]	Text		1321

26.4.2.4.4.7.1 SaleTransactionIdentification <SaleTxId>

Presence: [1..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.7.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: POI identification of the transaction in an unambiguous way.

POITransactionIdentification <POITxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.7.3 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.7.4 Result <Rslt>

Presence: [0..*]

Definition: Data related to the result of a processed loyalty transaction.

Result <Rslt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		1317
	Amount <Amt>	[0..1]			1318
	Unit <Unit>	[0..1]	CodeSet		1318
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	Amount <Amt>	[1..1]	Amount		1319
	ServerData <SvrData>	[0..1]			1319
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1319
	ApprovalCode <ApprvICd>	[0..1]	Text		1319
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1319
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1320
	Rebates <Rbts>	[0..1]			1320
	TotalRebate <TtlRbt>	[0..1]	Amount		1320
	RebateLabel <RbtLabl>	[0..1]	Text		1320
	SaleItemRebate <SaleItmRbt>	[0..*]			1320
	SaleItem <SaleItm>	[1..1]	±		1321
	RebateLabel <RbtLabl>	[0..1]	Text		1321

26.4.2.4.4.7.4.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "LoyaltyAccount3" on page 2083 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Ltyld>	[1..1]	Text		2083
	EntryMode <NtryMd>	[0..1]	CodeSet		2084
	IdentificationType <IdTp>	[0..1]	CodeSet		2084
	Brand <Brnd>	[0..1]	Text		2085
	Provider <Prvdr>	[0..1]	Text		2085
	OwnerName <OwnrNm>	[0..1]	Text		2085
	Unit <Unit>	[0..1]	CodeSet		2085
	Currency <Ccy>	[0..1]	CodeSet	C1	2085
	Balance <Bal>	[0..1]	Amount		2086

26.4.2.4.4.7.4.2 Amount <Amt>

Presence: [0..1]

Definition: Amount.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		1318
	Currency <Ccy>	[0..1]	CodeSet	C1	1318
	Amount <Amt>	[1..1]	Amount		1319

26.4.2.4.4.7.4.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "AmountUnit1Code" on page 2326

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.4.4.7.4.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.7.4.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.7.4.3 ServerData <SvrData>

Presence: [0..1]

Definition: Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1319
	ApprovalCode <ApprvlCd>	[0..1]	Text		1319
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1319
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1320

26.4.2.4.4.7.4.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.7.4.3.2 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2385

26.4.2.4.4.7.4.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see
"TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.7.4.3.4 HostReconciliationIdentification <HstRcncltnId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.7.4.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		1320
	RebateLabel <RbtLabl>	[0..1]	Text		1320
	SaleItemRebate <SaleItmRbt>	[0..*]			1320
	SaleItem <SaleItm>	[1..1]	±		1321
	RebateLabel <RbtLabl>	[0..1]	Text		1321

26.4.2.4.4.7.4.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.7.4.4.2 RebateLabel <RbtLabl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.7.4.4.3 SaleItemRebate <SaleItmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleitmRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		1321
	RebateLabel <RbtLbl>	[0..1]	Text		1321

26.4.2.4.4.7.4.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

26.4.2.4.4.7.4.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8 StoredValueResponse <StordValRspn>

Presence: [0..1]

Definition: Response data to a Stored Value request.

StoredValueResponse <StordValRspn> contains the following **StoredValueResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1327
	POITransactionIdentification <POITxId>	[1..1]	±		1327
	Result <RsIt>	[0..*]			1327
	Provider <Prvdr>	[0..1]	Text		1332
	TransactionType <TxTp>	[1..1]	CodeSet		1333
	AccountIdentification <AcctId>	[0..1]			1333
	AccountType <AcctTp>	[0..1]	CodeSet		1333
	IdentificationType <IdTp>	[0..1]	CodeSet		1334
	Identification <Id>	[0..1]	Text		1335
	Brand <Brnd>	[0..1]	Text		1335
	Provider <Prvdr>	[0..1]	Text		1335
	OwnerName <OwnrNm>	[0..1]	Text		1335
	ExpiryDate <XpryDt>	[0..1]	Text		1335
	EntryMode <NtryMd>	[0..1]	CodeSet		1335
	Currency <Ccy>	[0..1]	CodeSet	C1	1336
	Balance <Bal>	[0..1]	Amount		1336
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1336
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1341
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1341
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		1342
	TransactionType <TxTp>	[1..1]	CodeSet		1342
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1343
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1344
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1344
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1344
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1345
	TransactionIdentification <TxId>	[1..1]	±		1345
	OriginalTransaction <OrgnlTx>	[0..1]			1345
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347
	POIIdentification <POIId>	[1..1]	±		1347

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversion <CcyConvs>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvsDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1356
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1357
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1357
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1357
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1357
	TransactionDetails <TxDtls>	[1..1]			1358
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtldAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvAmt>	[0..1]	Amount		1362
	ValidityDate <VldtyDt>	[0..1]	Date		1362
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1369

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <DclrtDtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcrng>	[0..1]	±		1374
	AggregationTransaction <AggtnTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <Saleitm>	[0..*]	±		1375
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1376
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1376

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377
	AdditionalInformation <AddtlInf>	[0..*]			1377
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrtctdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1378
	AuthorisationResult <AuthstnRslt>	[0..1]			1378
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1380
	CustomerOrder <CstmrOrd>	[0..1]	±		1380
	CustomerToken <CstmrTkn>	[0..1]	±		1380
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1381
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1381
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1381
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1381
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1382
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1382
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1382
	ProductCode <PdctCd>	[0..1]	Text		1382
	EANUPC <EANUPC>	[0..1]	Text		1382
	ItemAmount <ItmAmt>	[0..1]	Amount		1382
	Currency <Ccy>	[0..1]	CodeSet	C1	1382
	HostTransactionIdentification <HstTxId>	[0..1]	±		1383

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Receipt <Rct>	[0..*]	±		1383

26.4.2.4.4.8.1 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.8.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.8.3 Result <RsIt>

Presence: [0..*]

Definition: Result of loading/reloading a stored value card.

Result <Rslt> contains the following **StoredValueData8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1332
	TransactionType <TxTp>	[1..1]	CodeSet		1333
	AccountIdentification <AcctId>	[0..1]			1333
	AccountType <AcctTp>	[0..1]	CodeSet		1333
	IdentificationType <IdTp>	[0..1]	CodeSet		1334
	Identification <Id>	[0..1]	Text		1335
	Brand <Brnd>	[0..1]	Text		1335
	Provider <Prvdr>	[0..1]	Text		1335
	OwnerName <OwnrNm>	[0..1]	Text		1335
	ExpiryDate <XpryDt>	[0..1]	Text		1335
	EntryMode <NtryMd>	[0..1]	CodeSet		1335
	Currency <Ccy>	[0..1]	CodeSet	C1	1336
	Balance <Bal>	[0..1]	Amount		1336
	OriginalPOITransaction <OrgnlPOITx>	[0..1]			1336
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1341
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1341
	PaymentTypeInfo <PmtTplnf>	[0..1]	±		1342
	TransactionType <TxTp>	[1..1]	CodeSet		1342
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1343
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1344
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1344
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1344
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1345
	TransactionIdentification <TxId>	[1..1]	±		1345
	OriginalTransaction <OrgnlTx>	[0..1]			1345
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347
	POIIdentification <POIId>	[1..1]	±		1347
	CurrencyConversion <CcyConvs>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ConversionDetails <ConvDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1356
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1357
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1357
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1357
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1357
	TransactionDetails <TxDtls>	[1..1]			1358
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtldAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvAmt>	[0..1]	Amount		1362
	ValidityDate <VldtyDt>	[0..1]	Date		1362
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcrng>	[0..1]	±		1374
	AggregationTransaction <AggtnTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <Saleitm>	[0..*]	±		1375
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1376
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1376
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]			1377
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrctdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1378
	AuthorisationResult <AuthstnRslt>	[0..1]			1378
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1380
	CustomerOrder <CstmrOrdrr>	[0..1]	±		1380
	CustomerToken <CstmrTkn>	[0..1]	±		1380
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1381
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1381
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1381
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1381
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1382
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1382
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1382
	ProductCode <PdctCd>	[0..1]	Text		1382
	EANUPC <EANUPC>	[0..1]	Text		1382
	ItemAmount <ItmAmt>	[0..1]	Amount		1382
	Currency <Ccy>	[0..1]	CodeSet	C1	1382
	HostTransactionIdentification <HstTxId>	[0..1]	±		1383

26.4.2.4.4.8.3.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the stored value account load/reload.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.2 TransactionType <TxTp>

Presence: [1..1]

Definition: Identification of operation to proceed on the stored value account or the stored value card.

Datatype: "StoredValueTransactionType3Code" on page 2368

CodeName	Name	Definition
ACTV	Activate	Activate the account or the card.
DUPL	Duplicate	Duplicate the code or number provided by the loading or activation.
LOAD	Load	Load the account or the card with money.
RESV	Reserve	Reserve the account (e.g. get an activation code).
REVS	Reverse	Reverse an activation or loading.
ULOA	Unload	Unload the account.
CLOS	CloseAccount	Close the account.
DCTV	Deactivate	Deactivate the account or the card.
OPEN	OpenAccount	Open the account.
BALC	Balance	Balance enquiry.

26.4.2.4.4.8.3.3 AccountIdentification <AcctId>

Presence: [0..1]

Definition: Identification of the stored value account or the stored value card.

AccountIdentification <AcctId> contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1333
	IdentificationType <IdTp>	[0..1]	CodeSet		1334
	Identification <Id>	[0..1]	Text		1335
	Brand <Brnd>	[0..1]	Text		1335
	Provider <Prvdr>	[0..1]	Text		1335
	OwnerName <OwnrNm>	[0..1]	Text		1335
	ExpiryDate <XpryDt>	[0..1]	Text		1335
	EntryMode <NtryMd>	[0..1]	CodeSet		1335
	Currency <Ccy>	[0..1]	CodeSet	C1	1336
	Balance <Bal>	[0..1]	Amount		1336

26.4.2.4.4.8.3.3.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2367

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.

26.4.2.4.4.8.3.3.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2334

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.

CodeName	Name	Definition
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

26.4.2.4.4.8.3.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2383

26.4.2.4.4.8.3.3.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2379

26.4.2.4.4.8.3.3.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.

CodeName	Name	Definition
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

26.4.2.4.4.8.3.3.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.3.3.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4 OriginalPOITransaction <OrgnlPOITx>

Presence: [0..1]

Definition: Identification of a previous POI transaction.

OriginalPOITransaction <OrgnlPOITx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1341
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		1341
	PaymentTypeInformation <PmtTplnf>	[0..1]	±		1342
	TransactionType <TxTp>	[1..1]	CodeSet		1342
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1343
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1344
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1344
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1344
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1345
	TransactionIdentification <TxId>	[1..1]	±		1345
	OriginalTransaction <OrgnlTx>	[0..1]			1345
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347
	POIIdentification <POIID>	[1..1]	±		1347
	CurrencyConversion <CcyConvs>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvsDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1356
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1357
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1357
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1357
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1357
	TransactionDetails <TxDtls>	[1..1]			1358
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtldAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1362

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1362
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <DclrtDtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcrng>	[0..1]	±		1374
	AggregationTransaction <AggtnTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <Saleitm>	[0..*]	±		1375
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1376
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1376
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377
	AdditionalInformation <AddtlInf>	[0..*]			1377
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrctcdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1378
	AuthorisationResult <AuthstnRslt>	[0..1]			1378
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1380

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		1380
	CustomerToken <CstmrTkn>	[0..1]	±		1380
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1381
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1381
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1381
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		1381
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		1382
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		1382
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1382

26.4.2.4.4.8.3.4.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.8.3.4.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2357

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.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

26.4.2.4.4.8.3.4.3 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2226 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2227
	ServiceLevel <SvcLvl>	[0..*]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2227
Or}	Proprietary <Prtry>	[1..1]	Text		2227
	LocalInstrument <LclInstrm>	[0..1]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228
	CategoryPurpose <CtgyPurp>	[0..1]			2228
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

26.4.2.4.4.8.3.4.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2336

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

26.4.2.4.4.8.3.4.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GR TT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

26.4.2.4.4.8.3.4.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

26.4.2.4.4.8.3.4.7 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.8.3.4.8 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 2385

26.4.2.4.4.8.3.4.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.10 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.8.3.4.11 OriginalTransaction <OrgnITx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1347
	TransactionIdentification <TxId>	[1..1]	±		1347
	POIdentification <POId>	[1..1]	±		1347
	CurrencyConversion <CcyConvs>	[0..1]			1347
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvsDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1356

26.4.2.4.4.8.3.4.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.11.2 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.8.3.4.11.3 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2019
	Type <Tp>	[0..1]	CodeSet		2019
	Issuer <Issr>	[0..1]	CodeSet		2019
	ShortName <ShrtNm>	[0..1]	Text		2020

26.4.2.4.4.8.3.4.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		1350
	ResultReason <RsltRsn>	[0..1]	Text		1350
	ConversionDetails <ConvsDtls>	[0..*]			1350
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplblBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkupDetails <MrkUpDtls>	[0..*]			1356

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1356

26.4.2.4.4.8.3.4.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2339

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.

26.4.2.4.4.8.3.4.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1352
	TargetCurrency <TrgtCcy>	[1..1]			1352
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352
	ResultingAmount <RsltAmt>	[0..1]	Amount		1353
	ExchangeRate <XchgRate>	[1..1]	Rate		1353
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1353
	QuotationDate <QtnDt>	[0..1]	DateTime		1353
	ValidFrom <VldFr>	[0..1]	DateTime		1353
	ValidUntil <VldUntil>	[0..1]	DateTime		1353
	SourceCurrency <SrcCcy>	[1..1]			1353
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354
	ApplicableBinRange <AplBlBinRg>	[0..*]			1354
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355
	OriginalAmount <OrgnlAmt>	[0..1]			1355
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355
	CommissionDetails <ComssnDtls>	[0..*]			1356
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	MarkUpDetails <MrkUpDtls>	[0..*]			1356
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356
	DeclarationDetails <DclrtDtls>	[0..*]	±		1356

26.4.2.4.4.8.3.4.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.11.4.3.2 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	1352
	NumericCode <NmrcCd>	[1..1]	Text		1352
	Decimal <Dcml>	[1..1]	Quantity		1352
	Name <Nm>	[0..1]	Text		1352

26.4.2.4.4.8.3.4.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.3.4.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.8.3.4.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.8.3.4.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.11.4.3.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.11.4.3.4 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 2378

26.4.2.4.4.8.3.4.11.4.3.5 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 2378

26.4.2.4.4.8.3.4.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.8.3.4.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.8.3.4.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.8.3.4.11.4.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1354
	NumericCode <NmrcCd>	[0..1]	Text		1354
	Decimal <Dcml>	[0..1]	Quantity		1354
	Name <Nm>	[0..1]	Text		1354

26.4.2.4.4.8.3.4.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.3.4.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.8.3.4.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.8.3.4.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.11.4.3.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1355
	HigherBin <HghrBin>	[1..1]	Text		1355

26.4.2.4.4.8.3.4.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.8.3.4.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.8.3.4.11.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1355
	MinimumAmount <MinAmt>	[0..1]	Amount		1355
	MaximumAmount <MaxAmt>	[0..1]	Amount		1355

26.4.2.4.4.8.3.4.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.11.4.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356

26.4.2.4.4.8.3.4.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.8.3.4.11.4.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1356
	AdditionalInformation <AddtlInf>	[0..1]	Text		1356

26.4.2.4.4.8.3.4.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

26.4.2.4.4.8.3.4.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.8.3.4.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

26.4.2.4.4.8.3.4.12 ReconciliationIdentification <RcnclntId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2380

26.4.2.4.4.8.3.4.14 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 2380

26.4.2.4.4.8.3.4.15 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 2380

26.4.2.4.4.8.3.4.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1361
	TotalAmount <TtlAmt>	[1..1]	Amount		1361
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1361
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1361
	DetailedAmount <DtldAmt>	[0..1]	±		1361
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1362
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1362
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1362
	ValidityDate <VldtyDt>	[0..1]	Date		1362
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1362
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		1363
	AccountType <AcctTp>	[0..1]	CodeSet		1363
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1364
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1372
	Instalment <Instlmt>	[0..*]	±		1373
	Recurring <Rcrng>	[0..1]	±		1374
	AggregationTransaction <AggtTx>	[0..1]	±		1375
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1375
	SaleItem <Saleitm>	[0..*]	±		1375
	DeliveryLocation <DivryLctn>	[0..1]	Text		1376
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1376
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1376
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1376
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1377
	AdditionalInformation <AddtlInf>	[0..*]			1377
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrctcdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1378

26.4.2.4.4.8.3.4.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.3.4.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

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.

26.4.2.4.4.8.3.4.16.5 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

26.4.2.4.4.8.3.4.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

26.4.2.4.4.8.3.4.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

26.4.2.4.4.8.3.4.16.11 UnattendedLevelCategory <UattnddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

26.4.2.4.4.8.3.4.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

26.4.2.4.4.8.3.4.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1366
	Conversion <Convs>	[0..1]			1366
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplblBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1372

26.4.2.4.4.8.3.4.16.13.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.8.3.4.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1368
	TargetCurrency <TrgtCcy>	[1..1]			1368
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368
	ResultingAmount <RsltAmt>	[0..1]	Amount		1369
	ExchangeRate <XchgRate>	[1..1]	Rate		1369
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1369
	QuotationDate <QtnDt>	[0..1]	DateTime		1369
	ValidFrom <VldFr>	[0..1]	DateTime		1369
	ValidUntil <VldUntil>	[0..1]	DateTime		1369
	SourceCurrency <SrcCcy>	[1..1]			1369
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370
	ApplicableBinRange <AplBlBinRg>	[0..*]			1370
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371
	OriginalAmount <OrgnlAmt>	[0..1]			1371
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371
	CommissionDetails <ComssnDtls>	[0..*]			1372
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	MarkUpDetails <MrkUpDtls>	[0..*]			1372
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372
	DeclarationDetails <DclrtDtls>	[0..*]	±		1372

26.4.2.4.4.8.3.4.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.16.13.2.2 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	1368
	NumericCode <NmrcCd>	[1..1]	Text		1368
	Decimal <Dcml>	[1..1]	Quantity		1368
	Name <Nm>	[0..1]	Text		1368

26.4.2.4.4.8.3.4.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.3.4.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.8.3.4.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.8.3.4.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.13.2.4 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 2378

26.4.2.4.4.8.3.4.16.13.2.5 InvertedExchangeRate <NvrtXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2378

26.4.2.4.4.8.3.4.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.8.3.4.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.8.3.4.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

26.4.2.4.4.8.3.4.16.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1370
	NumericCode <NmrcCd>	[0..1]	Text		1370
	Decimal <Dcml>	[0..1]	Quantity		1370
	Name <Nm>	[0..1]	Text		1370

26.4.2.4.4.8.3.4.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.3.4.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

26.4.2.4.4.8.3.4.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

26.4.2.4.4.8.3.4.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.16.13.2.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1371
	HigherBin <HghrBin>	[1..1]	Text		1371

26.4.2.4.4.8.3.4.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.8.3.4.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

26.4.2.4.4.8.3.4.16.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1371
	MinimumAmount <MinAmt>	[0..1]	Amount		1371
	MaximumAmount <MaxAmt>	[0..1]	Amount		1371

26.4.2.4.4.8.3.4.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372

26.4.2.4.4.8.3.4.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.8.3.4.16.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1372
	AdditionalInformation <AddtlInf>	[0..1]	Text		1372

26.4.2.4.4.8.3.4.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

26.4.2.4.4.8.3.4.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

26.4.2.4.4.8.3.4.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

26.4.2.4.4.8.3.4.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

26.4.2.4.4.8.3.4.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

26.4.2.4.4.8.3.4.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

26.4.2.4.4.8.3.4.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

26.4.2.4.4.8.3.4.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

26.4.2.4.4.8.3.4.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.4.16.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.4.8.3.4.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.4.8.3.4.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

26.4.2.4.4.8.3.4.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.4.16.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1377
	Value <Val>	[0..1]	Binary		1377
	ProtectedValue <PrctcdVal>	[0..1]	±		1377
	Type <Tp>	[0..1]	Text		1378

26.4.2.4.4.8.3.4.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

26.4.2.4.4.8.3.4.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

26.4.2.4.4.8.3.4.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

26.4.2.4.4.8.3.4.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

26.4.2.4.4.8.3.4.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

26.4.2.4.4.8.3.4.17 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]	±		1378
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1379
	Response <Rspn>	[1..1]	CodeSet		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1380

26.4.2.4.4.8.3.4.17.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

26.4.2.4.4.8.3.4.17.2 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		1379
	ResponseReason <RspnRsn>	[0..1]	Text		1379
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1380

26.4.2.4.4.8.3.4.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2363

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).

26.4.2.4.4.8.3.4.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2382

26.4.2.4.4.8.3.4.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

26.4.2.4.4.8.3.4.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

26.4.2.4.4.8.3.4.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.8.3.4.19 CustomerOrder <CstmrOrdr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdr> contains the following elements (see "CustomerOrder1" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrid>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdrStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

26.4.2.4.4.8.3.4.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2308
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2309
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2309
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2309
	TokenRequestor <TknRqstr>	[0..1]			2309
	ProviderIdentification <PrvdrId>	[1..1]	Text		2309
	RequestorIdentification <RqstrId>	[1..1]	Text		2309
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2309
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2310
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2310
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		2310

26.4.2.4.4.8.3.4.21 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

26.4.2.4.4.8.3.4.22 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "[Max35Text](#)" on page 2382

26.4.2.4.4.8.3.4.23 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "[Max35Text](#)" on page 2382

26.4.2.4.4.8.3.4.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.8.3.4.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.8.3.4.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.8.3.4.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

26.4.2.4.4.8.3.5 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of item purchased with the transaction.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.8.3.6 EANUPC <EANUPC>

Presence: [0..1]

Definition: Standard European Article Number Universal Product Code of item purchased with the transaction.

Datatype: "Max35NumericText" on page 2382

26.4.2.4.4.8.3.7 ItemAmount <ItmAmt>

Presence: [0..1]

Definition: Total amount of the item line.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.8.3.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.8.3.9 HostTransactionIdentification <HstTxId>

Presence: [0..1]

Definition: Identification of the transaction by the host in charge of the stored value transaction.

HostTransactionIdentification <HstTxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.8.4 Receipt <Rct>

Presence: [0..*]

Definition: Customer or Merchant payment receipt.

Receipt <Rct> contains the following elements (see "PaymentReceipt6" on page 2115 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2116
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2116
	RequiredSignatureFlag <ReqrdSgntrFlg>	[0..1]	Indicator		2116
	OutputContent <OutptCntt>	[1..1]	±		2117

26.4.2.4.4.9 BatchResponse <BtchRspn>

Presence: [0..1]

Definition: Content of the Batch Response message.

BatchResponse <BtchRspn> contains the following **BatchResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleBatchIdentification <SaleBtchId>	[0..1]	±		1384
	POIBatchIdentification <POIBtchId>	[0..1]	±		1385
	PerformedTransaction <PrfrmdTx>	[0..*]			1385
	Response <Rspn>	[1..1]	±		1386
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1387
	POITransactionIdentification <POITxId>	[0..1]	±		1387
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1387
	PaymentResult <PmtRslt>	[0..1]	±		1387
	LoyaltyResult <LtyRslt>	[0..*]			1394
	Account <Acct>	[1..1]	±		1395
	Amount <Amt>	[0..1]			1396
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397
	ServerData <SvrData>	[0..1]			1397
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1397
	ApprovalCode <ApprvlCd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398
	Rebates <Rbts>	[0..1]			1398
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleItmRbt>	[0..*]			1398
	SaleItem <SaleItm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1399

26.4.2.4.4.9.1 SaleBatchIdentification <SaleBtchId>

Presence: [0..1]

Definition: Sale System identification of the batch in an unambiguous way.

SaleBatchIdentification <SaleBtchId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.9.2 POIBatchIdentification <POIBtchId>

Presence: [0..1]

Definition: POI identification of the batch in an unambiguous way.

POIBatchIdentification <POIBtchId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.9.3 PerformedTransaction <PrfrmdTx>

Presence: [0..*]

Definition: Performed transaction content.

PerformedTransaction <PrfrmdTx> contains the following **PerformedTransaction7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	±		1386
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1387
	POITransactionIdentification <POITxId>	[0..1]	±		1387
	POIReconciliationIdentification <POIRcncltnId>	[0..1]	Text		1387
	PaymentResult <PmtRslt>	[0..1]	±		1387
	LoyaltyResult <LltyRslt>	[0..*]			1394
	Account <Acct>	[1..1]	±		1395
	Amount <Amt>	[0..1]			1396
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397
	ServerData <SvrData>	[0..1]			1397
	LoyaltyServerIdentification <LltySvrId>	[0..1]	Text		1397
	ApprovalCode <ApprvlCd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LltyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398
	Rebates <Rbts>	[0..1]			1398
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleitmRbt>	[0..*]			1398
	SaleItem <Saleitm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399
	ReversedAmount <RvsdAmt>	[0..1]	Amount		1399

26.4.2.4.4.9.3.1 Response <Rspn>

Presence: [1..1]

Definition: Response for this performed transaction.

Response <Rspn> contains the following elements (see ["ResponseType11" on page 2096](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2096
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2097
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2098

26.4.2.4.4.9.3.2 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Unique identification of a sale transaction.

SaleTransactionIdentification <SaleTxId> contains the following elements (see ["TransactionIdentifier1" on page 2111](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.9.3.3 POITransactionIdentification <POITxId>

Presence: [0..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see ["TransactionIdentifier1" on page 2111](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.9.3.4 POIReconciliationIdentification <POIRcncltnId>

Presence: [0..1]

Definition: Identification of the POI reconciliation period.

Datatype: ["Max35Text" on page 2382](#)

26.4.2.4.4.9.3.5 PaymentResult <PmtRslt>

Presence: [0..1]

Definition: Data related to the result of a processed payment transaction.

PaymentResult <PmtRslt> contains the following elements (see "RetailerPaymentResult7" on page 2117 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2124
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2125
	TransactionType <TxTp>	[1..1]	CodeSet		2126
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2126
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2127
	RequestedTransaction <ReqdTxx>	[0..1]			2127
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2132
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2132
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2133
	TransactionType <TxTp>	[1..1]	CodeSet		2133
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2134
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2135
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2135
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2135
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2136
	TransactionIdentification <TxId>	[1..1]	±		2136
	OriginalTransaction <OrgnlTx>	[0..1]			2136
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2138
	TransactionIdentification <TxId>	[1..1]	±		2138
	POIIdentification <POIID>	[1..1]	±		2138
	CurrencyConversion <CcyConvs>	[0..1]			2138
	Result <Rslt>	[1..1]	CodeSet		2141
	ResultReason <RsltRsn>	[0..1]	Text		2141
	ConversionDetails <ConvsDtls>	[0..*]			2141
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2143
	TargetCurrency <TrgtCcy>	[1..1]			2143
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultingAmount <RsltAmt>	[0..1]	Amount		2144
	ExchangeRate <XchgRate>	[1..1]	Rate		2144
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2144
	QuotationDate <QtnDt>	[0..1]	DateTime		2144
	ValidFrom <VldFr>	[0..1]	DateTime		2144
	ValidUntil <VldUntil>	[0..1]	DateTime		2144
	SourceCurrency <SrcCcy>	[1..1]			2144
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145
	ApplicableBinRange <AplblBinRg>	[0..*]			2145
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146
	OriginalAmount <OrgnlAmt>	[0..1]			2146
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146
	CommissionDetails <ComssnDtls>	[0..*]			2147
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	MarkUpDetails <MrkUpDtls>	[0..*]			2147
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2147
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2148
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2148
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2148
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2148
	TransactionDetails <TxDtls>	[1..1]			2149
	Currency <Ccy>	[0..1]	CodeSet	C1	2152

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[1..1]	Amount		2152
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2152
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2152
	DetailedAmount <DtldAmt>	[0..1]	±		2152
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2153
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2153
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2153
	ValidityDate <VldtyDt>	[0..1]	Date		2153
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2153
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		2154
	AccountType <AcctTp>	[0..1]	CodeSet		2154
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2155
	AcceptedByCardholder <AccptdByCrdhlldr>	[0..1]	Indicator		2157
	Conversion <Convs>	[0..1]			2157
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	Instalment <Instlmt>	[0..*]	±		2164
	Recurring <Rcrng>	[0..1]	±		2165
	AggregationTransaction <AggtnTx>	[0..1]	±		2166
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2166
	SaleItem <Saleitm>	[0..*]	±		2166
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2167
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2167
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2167
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2167
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2168
	AdditionalInformation <AddtlInf>	[0..*]			2168
	Identification <Id>	[1..1]	Text		2168
	Value <Val>	[0..1]	Binary		2168
	ProtectedValue <PrctcdVal>	[0..1]	±		2168
	Type <Tp>	[0..1]	Text		2169
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2169
	AuthorisationResult <AuthstnRslt>	[0..1]			2169

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2169
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2170
	Response <Rspn>	[1..1]	CodeSet		2170
	ResponseReason <RspnRsn>	[0..1]	Text		2170
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2171
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2171
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2171
	CustomerOrder <CstmrOrdr>	[0..1]	±		2171
	CustomerToken <CstmrTkn>	[0..1]	±		2171
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2172
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2172
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2172
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2172
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2173
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2173
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2173
	TransactionResponse <TxRspn>	[0..1]			2173
	AuthorisationResult <AuthstnRslt>	[1..1]			2176
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2176
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2177
	Response <Rspn>	[1..1]	CodeSet		2177
	ResponseReason <RspnRsn>	[0..1]	Text		2177
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2177
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2177
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2177
	TMSTrigger <TMSTrggr>	[0..1]			2178
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2178
	TMSIdentification <TMSId>	[0..1]	Text		2178
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2178
	AllowedProductCode <AllwdPdctCd>	[0..*]			2178
	ProductCode <PdctCd>	[1..1]	Text		2179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2180
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2180
	AmountLimit <AmtLmt>	[0..1]	Amount		2180
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2180
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2180
	Balance <Bal>	[0..1]	±		2182
	ProtectedBalance <PrctdBal>	[0..1]	±		2182
	Action <Actn>	[0..*]			2183
	ActionType <ActnTp>	[1..1]	CodeSet		2183
	MessageToPresent <MsgToPres>	[0..1]	±		2184
	RemoteAccess <RmotAccs>	[0..1]	±		2185
	Retry <Rtry>	[0..1]	±		2186
	TimeCondition <TmCond>	[0..1]	±		2186
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2188
	TargetCurrency <TrgtCcy>	[1..1]			2188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2188
	NumericCode <NmrcCd>	[1..1]	Text		2188
	Decimal <Dcml>	[1..1]	Quantity		2188
	Name <Nm>	[0..1]	Text		2189
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		2189
	ExchangeRate <XchgRate>	[1..1]	Rate		2189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2189
	QuotationDate <QtnDt>	[0..1]	DateTime		2189
	ValidFrom <VldFr>	[0..1]	DateTime		2189
	ValidUntil <VldUntil>	[0..1]	DateTime		2189

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceCurrency <SrcCcy>	[1..1]			2189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2190
	NumericCode <NmrcCd>	[0..1]	Text		2190
	Decimal <Dcml>	[0..1]	Quantity		2190
	Name <Nm>	[0..1]	Text		2190
	ApplicableBinRange <AplblBinRg>	[0..*]			2190
	LowerBin <LwrBin>	[1..1]	Text		2191
	HigherBin <HghrBin>	[1..1]	Text		2191
	OriginalAmount <OrgnlAmt>	[0..1]			2191
	ActualAmount <ActlAmt>	[0..1]	Amount		2191
	MinimumAmount <MinAmt>	[0..1]	Amount		2191
	MaximumAmount <MaxAmt>	[0..1]	Amount		2191
	CommissionDetails <ComssnDtls>	[0..*]			2192
	Amount <Amt>	[1..1]	Amount		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	MarkUpDetails <MrkUpDtls>	[0..*]			2192
	Rate <Rate>	[1..1]	Rate		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2192
	CustomerOrder <CstmrOrd>	[0..*]	±		2193
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2194
	ImageFormat <ImgFrmt>	[1..1]	Text		2194
	ImageData <ImgData>	[0..1]	Binary		2194
	ImageReference <ImgRef>	[0..1]	Text		2195
	AdditionalInformation <AddtlInf>	[0..1]	Text		2195
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2195
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2195
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	2195
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2195

26.4.2.4.4.9.3.6 LoyaltyResult <LtyRslt>

Presence: [0..*]

Definition: Data related to the result of a processed Loyalty transaction.

LoyaltyResult <LtyRsIt> contains the following **LoyaltyResult3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Account <Acct>	[1..1]	±		1395
	Amount <Amt>	[0..1]			1396
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397
	ServerData <SvrData>	[0..1]			1397
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1397
	ApprovalCode <ApprvICd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398
	Rebates <Rbts>	[0..1]			1398
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleItmRbt>	[0..*]			1398
	SaleItem <SaleItm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399

26.4.2.4.4.9.3.6.1 Account <Acct>

Presence: [1..1]

Definition: Account managing the Loyalty.

Account <Acct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2083 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2083
	EntryMode <NtryMd>	[0..1]	CodeSet		2084
	IdentificationType <IdTp>	[0..1]	CodeSet		2084
	Brand <Brnd>	[0..1]	Text		2085
	Provider <Prvdr>	[0..1]	Text		2085
	OwnerName <OwnrNm>	[0..1]	Text		2085
	Unit <Unit>	[0..1]	CodeSet		2085
	Currency <Ccy>	[0..1]	CodeSet	C1	2085
	Balance <Bal>	[0..1]	Amount		2086

26.4.2.4.4.9.3.6.2 Amount <Amt>

Presence: [0..1]

Definition: Amount.

Amount <Amt> contains the following **LoyaltyAmount1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Unit <Unit>	[0..1]	CodeSet		1396
	Currency <Ccy>	[0..1]	CodeSet	C1	1396
	Amount <Amt>	[1..1]	Amount		1397

26.4.2.4.4.9.3.6.2.1 Unit <Unit>

Presence: [0..1]

Definition: Unit type for the amount.

Datatype: "[AmountUnit1Code](#)" on page 2326

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.4.4.9.3.6.2.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the amount is Unit is Monetary.

Impacted by: [C1 "ActiveCurrency"](#)

Datatype: "[ActiveCurrencyCode](#)" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.4.4.9.3.6.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.9.3.6.3 ServerData <SvrData>

Presence: [0..1]

Definition: Data sent by the Loyalty server.

ServerData <SvrData> contains the following **LoyaltyServerData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyServerIdentification <LtySvrId>	[0..1]	Text		1397
	ApprovalCode <ApprvICd>	[0..1]	Text		1397
	LoyaltyTransactionIdentification <LtyTxId>	[0..1]	±		1397
	HostReconciliationIdentification <HstRcncltnId>	[0..1]	Text		1398

26.4.2.4.4.9.3.6.3.1 LoyaltyServerIdentification <LtySvrId>

Presence: [0..1]

Definition: Identification of the loyalty Server.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.9.3.6.3.2 ApprovalCode <ApprvICd>

Presence: [0..1]

Definition: Approval code assigned to a loyalty transaction by the Server.

Datatype: "Min6Max8Text" on page 2385

26.4.2.4.4.9.3.6.3.3 LoyaltyTransactionIdentification <LtyTxId>

Presence: [0..1]

Definition: Identification of the Loyalty transaction in an unambiguous way.

LoyaltyTransactionIdentification <LtyTxId> contains the following elements (see
"TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.9.3.6.3.4 HostReconciliationIdentification <HstRcncldId>

Presence: [0..1]

Definition: Identifier of a reconciliation period with a payment or loyalty host.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.9.3.6.4 Rebates <Rbts>

Presence: [0..1]

Definition: Rebate information.

Rebates <Rbts> contains the following **LoyaltyRebates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalRebate <TtlRbt>	[0..1]	Amount		1398
	RebateLabel <RbtLbl>	[0..1]	Text		1398
	SaleItemRebate <SaleitmRbt>	[0..*]			1398
	SaleItem <Saleitm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399

26.4.2.4.4.9.3.6.4.1 TotalRebate <TtlRbt>

Presence: [0..1]

Definition: The global awarded amount that is not attached to an item.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.9.3.6.4.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.9.3.6.4.3 SaleItemRebate <SaleitmRbt>

Presence: [0..*]

Definition: Amount of the payment transaction related to the Loyalty.

SaleItemRebate <SaleitmRbt> contains the following **SaleItemRebate1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <Saleitm>	[1..1]	±		1399
	RebateLabel <RbtLbl>	[0..1]	Text		1399

26.4.2.4.4.9.3.6.4.3.1 SaleItem <Saleitm>

Presence: [1..1]

Definition: Data of the Sale item.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

26.4.2.4.4.9.3.6.4.3.2 RebateLabel <RbtLbl>

Presence: [0..1]

Definition: Short text to qualify a rebate on an line item.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.9.3.7 ReversedAmount <RvsdAmt>

Presence: [0..1]

Definition: Amount of the payment or loyalty to reverse.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.4.4.10 CardAcquisitionResponse <CardAcqstnRspn>

Presence: [0..1]

Definition: Content of the Card Acquisition Response message.

CardAcquisitionResponse <CardAcqstnRspn> contains the following **CardAcquisitionResponse3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTransactionIdentification <SaleTxId>	[0..1]	±		1400
	POITransactionIdentification <POITxId>	[1..1]	±		1400
	PaymentBrand <PmtBrnd>	[0..*]	Text		1400
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	1401
	LoyaltyAccount <LtyAcct>	[0..*]	±		1401
	CustomerOrder <CstmrOrd>	[0..*]	±		1401

26.4.2.4.4.10.1 SaleTransactionIdentification <SaleTxId>

Presence: [0..1]

Definition: Sale System identification of the transaction in an unambiguous way.

SaleTransactionIdentification <SaleTxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.10.2 POITransactionIdentification <POITxId>

Presence: [1..1]

Definition: Unique identification of a POI transaction.

POITransactionIdentification <POITxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

26.4.2.4.4.10.3 PaymentBrand <PmtBrnd>

Presence: [0..*]

Definition: Type of payment card.

Datatype: "Max35Text" on page 2382

26.4.2.4.4.10.4 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

26.4.2.4.4.10.5 LoyaltyAccount <LtyAcct>

Presence: [0..*]

Definition: Loyalty account information.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2083 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2083
	EntryMode <NtryMd>	[0..1]	CodeSet		2084
	IdentificationType <IdTp>	[0..1]	CodeSet		2084
	Brand <Brnd>	[0..1]	Text		2085
	Provider <Prvdr>	[0..1]	Text		2085
	OwnerName <OwnrNm>	[0..1]	Text		2085
	Unit <Unit>	[0..1]	CodeSet		2085
	Currency <Ccy>	[0..1]	CodeSet	C1	2085
	Balance <Bal>	[0..1]	Amount		2086

26.4.2.4.4.10.6 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 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

26.4.2.4.4.11 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "[ResponseType11](#)" on page 2096 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2096
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2097
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2098

26.4.2.4.4.12 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information incorporated as an extension to the message.

Impacted by: [C12 "SupplementaryDataRule"](#)

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

26.4.2.5 ReportGetTotalsResponse <RptGetTtlsRspn>

Presence: [0..1]

Definition: Content of the Get Totals Response message.

ReportGetTotalsResponse <RptGetTtlsRspn> contains the following **ReportGetTotalsResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIReconciliationIdentification <POIRcncltnId>	[1..1]	Text		1405
	TransactionTotalsSet <TxTtlsSet>	[0..*]			1405
	PaymentInstrumentType <PmtInstrmTp>	[1..1]	CodeSet		1407
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1407
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1407
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1407
	Brand <Brnd>	[0..1]	Text		1408
	POIIdentification <POIId>	[0..1]	Text		1408
	SaleIdentification <SaleId>	[0..1]	Text		1408
	CashierIdentification <CshrlId>	[0..1]	Text		1408
	ShiftNumber <ShftNb>	[0..1]	Text		1408
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1408
	CommonName <CmonNm>	[1..1]	Text		1408
	Address <Adr>	[0..1]	Text		1409
	CountryCode <CtryCd>	[1..1]	CodeSet		1409
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1409
	RegisteredIdentifier <Regldr>	[1..1]	Text		1409
	TransactionTotal <TxTtl>	[1..1]			1409
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1409
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	Type <Tp>	[1..1]	CodeSet		1410
	TotalNumber <TtlNb>	[1..1]	Quantity		1410
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1411
	DetailedAmount <DtldAmt>	[0..1]	±		1411
	LoyaltyTransactionTotal <LltyTxTtl>	[0..*]			1411
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1411
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1412
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1412
	Currency <Ccy>	[0..1]	CodeSet	C1	1412

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1412
	TotalNumber <TtlNb>	[1..1]	Quantity		1413
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1413
	DetailedAmount <DtldAmt>	[0..1]	±		1413

26.4.2.5.1 POIRconciliationIdentification <POIRcncldId>

Presence: [1..1]

Definition: Identification of the reconciliation period between Sale and POI.

Datatype: "Max35Text" on page 2382

26.4.2.5.2 TransactionTotalsSet <TxTtlsSet>

Presence: [0..*]

Definition: Result of totals processing made through the Sale to Point Of Interactions protocol.

TransactionTotalsSet <TxTtlsSet> contains the following **TransactionTotalsSet2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrumentType <PmtInstmTp>	[1..1]	CodeSet		1407
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1407
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1407
	SaleReconciliationIdentification <SaleRcncltnld>	[0..1]	Text		1407
	Brand <Brnd>	[0..1]	Text		1408
	POIIdentification <POIld>	[0..1]	Text		1408
	SaleIdentification <Saleld>	[0..1]	Text		1408
	CashierIdentification <Cshrlld>	[0..1]	Text		1408
	ShiftNumber <ShftNb>	[0..1]	Text		1408
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1408
	CommonName <CmonNm>	[1..1]	Text		1408
	Address <Adr>	[0..1]	Text		1409
	CountryCode <CtryCd>	[1..1]	CodeSet		1409
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1409
	RegisteredIdentifier <Regldr>	[1..1]	Text		1409
	TransactionTotal <TxTtl>	[1..1]			1409
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1409
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	Type <Tp>	[1..1]	CodeSet		1410
	TotalNumber <TtlNb>	[1..1]	Quantity		1410
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1411
	DetailedAmount <DtlAmt>	[0..1]	±		1411
	LoyaltyTransactionTotal <LtyTxTtl>	[0..*]			1411
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1411
	LoyaltyUnit <LtyUnit>	[0..1]	CodeSet		1412
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1412
	Currency <Ccy>	[0..1]	CodeSet	C1	1412
	TransactionType <TxTp>	[1..1]	CodeSet		1412
	TotalNumber <TtlNb>	[1..1]	Quantity		1413
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DetailedAmount <DtldAmt>	[0..1]	±		1413

26.4.2.5.2.1 PaymentInstrumentType <PmtInstrmTp>

Presence: [1..1]

Definition: Type of payment instrument.

Datatype: "PaymentInstrumentType2Code" on page 2357

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.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

26.4.2.5.2.2 AcquirerIdentification <Acqrrld>

Presence: [0..1]

Definition: Identification of an Acquirer.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.3 ReconciliationIdentification <Rcncltnld>

Presence: [0..1]

Definition: Identifier of a host reconciliation period: acquirer for a payment or server for loyalty.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.4 SaleReconciliationIdentification <SaleRcncltnld>

Presence: [0..1]

Definition: Identifier of a reconciliation period on the sale system.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.5 Brand <Brnd>

Presence: [0..1]
Definition: Brand of payment card or loyalty system.
Datatype: "Max35Text" on page 2382

26.4.2.5.2.6 POIIdentification <POIId>

Presence: [0..1]
Definition: Identifier of the POI system performing a reconciliation.
Datatype: "Max35Text" on page 2382

26.4.2.5.2.7 SaleIdentification <SaleId>

Presence: [0..1]
Definition: Identification of the sale terminal (electronic cash register or point of sale terminal) or the sale system.
Datatype: "Max35Text" on page 2382

26.4.2.5.2.8 CashierIdentification <CshrId>

Presence: [0..1]
Definition: Identification of the cashier who carried out the transactions.
Datatype: "Max35Text" on page 2382

26.4.2.5.2.9 ShiftNumber <ShftNb>

Presence: [0..1]
Definition: Identifies the shift of the cashier.
Datatype: "Max2NumericText" on page 2381

26.4.2.5.2.10 SponsoredMerchant <SpnsrdMrchnt>

Presence: [0..*]
Definition: Merchant using the payment services of a payment facilitator, acting as a card acceptor.

SponsoredMerchant <SpnsrdMrchnt> contains the following **Organisation26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommonName <CmonNm>	[1..1]	Text		1408
	Address <Adr>	[0..1]	Text		1409
	CountryCode <CtryCd>	[1..1]	CodeSet		1409
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1409
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1409

26.4.2.5.2.10.1 CommonName <CmonNm>

Presence: [1..1]
Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

26.4.2.5.2.10.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

26.4.2.5.2.10.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

26.4.2.5.2.10.4 MerchantCategoryCode <MrchntCtgyCd>

Presence: [1..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: "Min3Max4Text" on page 2385

26.4.2.5.2.10.5 RegisteredIdentifier <Regdldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.11 TransactionTotal <TxTtl>

Presence: [1..1]

Definition: Payment Transaction totals during the reconciliation period, for a certain type of transaction.

TransactionTotal <TxTtl> contains the following **TransactionTotals8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1409
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1410
	Currency <Ccy>	[0..1]	CodeSet	C1	1410
	Type <Tp>	[1..1]	CodeSet		1410
	TotalNumber <TtlNb>	[1..1]	Quantity		1410
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1411
	DetailedAmount <DtldAmt>	[0..1]	±		1411

26.4.2.5.2.11.1 POIGroupIdentification <POIGrpId>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.11.2 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.11.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.5.2.11.4 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals3Code" on page 2371

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.
RESV	Reservation	Outstanding Reservation transactions.

26.4.2.5.2.11.5 TotalNumber <TtINb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2377

26.4.2.5.2.11.6 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.5.2.11.7 DetailedAmount <DtldAmt>

Presence: [0..1]

Definition: Detailed amounts associated with the total amount of transaction.

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

26.4.2.5.2.12 LoyaltyTransactionTotal <LltyTxTtl>

Presence: [0..*]

Definition: Loyalty Transaction totals during the reconciliation period, for a certain type of transaction.

LoyaltyTransactionTotal <LltyTxTtl> contains the following **LoyaltyTransactionTotals1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1411
	LoyaltyUnit <LltyUnit>	[0..1]	CodeSet		1412
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1412
	Currency <Ccy>	[0..1]	CodeSet	C1	1412
	TransactionType <TxTp>	[1..1]	CodeSet		1412
	TotalNumber <TtlNb>	[1..1]	Quantity		1413
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1413
	DetailedAmount <DtldAmt>	[0..1]	±		1413

26.4.2.5.2.12.1 POIGroupIdentification <POIGrpId>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.12.2 LoyaltyUnit <LtyUnit>

Presence: [0..1]

Definition: Unit of the amount, expressed in point or in a monetary value and a currency.

Datatype: "AmountUnit1Code" on page 2326

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

26.4.2.5.2.12.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Cards category related to the acceptance processing rules defined by the Loyalty provider.

Datatype: "Max35Text" on page 2382

26.4.2.5.2.12.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

26.4.2.5.2.12.5 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of Loyalty transaction for Report.

Datatype: "LoyaltyTypeTransactionTotals1Code" on page 2349

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.

CodeName	Name	Definition
AWRR	ReverseAward	Refund of a loyalty award transaction.
REBR	ReverseRebate	Refund of a loyalty rebate transaction.
REDR	ReverseRedemption	Refund of a loyalty redemption transaction.

26.4.2.5.2.12.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2377

26.4.2.5.2.12.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

26.4.2.5.2.12.8 DetailedAmount <DtldAmt>

Presence: [0..1]

Definition: Detailed amounts associated with the total amount of transactions.

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

26.4.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2096 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2096
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2097
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2098

26.4.2.7 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information incorporated as an extension to the message.

Impacted by: C12 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

26.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a digital signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType37" on page 2302 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

27 caaa.026.001.02 AcceptorToAcquirerBatchFileExchangeV02

27.1 MessageDefinition Functionality

The AcceptorToAcquirerBatchFileExchangemessage is sent by an acceptor (or its agent) to the acquirer (or its agent), to send a batch of request.

Outline

The AcceptorToAcquirerBatchFileExchangeV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
AcceptorToAcquirerBatchFileExchange message management information.
- B. BodyElement
Record of an exchange to an Acquirer.
- C. SecurityTrailer
Trailer of the message containing a MAC or a signature.

27.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AccptrToAcqrrBtchFileXchg>	[1..1]			
	Header <Hdr>	[1..1]			1430
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1430
	FormatVersion <FrmtVrsn>	[1..1]	Text		1430
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1431
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1431
	InitiatingParty <InitgPty>	[1..1]	±		1431
	RecipientParty <RcptPty>	[0..1]	±		1431
	BodyElement <BodyElmt>	[1..*]			1432
	CompletionAdvice <CmpltnAdvc>	[0..1]			1445
	Environment <Envt>	[1..1]	±	C9	1452
	Context <Cntxt>	[0..1]		C10	1458
	PaymentContext <PmtCntxt>	[0..1]			1461
	CardPresent <CardPres>	[0..1]	Indicator		1461
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1461
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1462
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1462
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1462
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1462
	BusinessArea <BizArea>	[0..1]	CodeSet		1463
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1463
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1463
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1464
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1464
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1465
	SaleContext <SaleCntxt>	[0..1]			1465
	SaleIdentification <SaleId>	[0..1]	Text		1466
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1466
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1467
	CashierIdentification <CshrlId>	[0..1]	Text		1467

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1467
	ShiftNumber <ShftNb>	[0..1]	Text		1467
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1467
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1467
	InvoiceNumber <InvcNb>	[0..1]	Text		1467
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1468
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1468
	CommonName <CmonNm>	[1..1]	Text		1468
	Address <Adr>	[0..1]	Text		1468
	CountryCode <CtryCd>	[1..1]	CodeSet		1468
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1468
	RegisteredIdentifier <RegldIdr>	[1..1]	Text		1468
	SplitPayment <Spltpmt>	[0..1]	Indicator		1469
	RemainingAmount <RmngAmt>	[0..1]	Amount		1469
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1469
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1469
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1469
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1470
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1470
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1470
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1471
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1471
	SystemToNotify <SysToNtfy>	[0..1]	Text		1471
	Debtor <Dbtr>	[0..1]	±		1472
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1473
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1473
	Creditor <Cdtr>	[0..1]	±		1473
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1474
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1475
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1475
	Debtor <Dbtr>	[0..1]	±		1476

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1477
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1478
	Creditor <Cdtr>	[0..1]	±		1478
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1479
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1480
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1480
	MandateIdentification <MndtId>	[1..1]	Text		1481
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1481
	MandateImage <MndtImg>	[0..1]	Binary		1481
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1481
	Transaction <Tx>	[1..1]			1481
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1486
	TransactionType <TxTp>	[0..1]	CodeSet		1486
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1487
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1488
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1488
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1488
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1488
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1489
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1489
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1489
	TransactionIdentification <TxId>	[1..1]	±		1489
	OriginalTransaction <OrgnlTx>	[0..1]	±		1489
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1490
	Reversal <Rvsl>	[0..1]	Indicator		1490
	MerchantOverride <MrchntOvrdd>	[0..1]	Indicator		1491
	FailureReason <FailrRsn>	[0..*]	CodeSet		1491
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1492
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1492
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1492
	InterchangeData <IntrchnngData>	[0..1]	Text		1492

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1492
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1492
	TransactionDetails <TxDtIs>	[1..1]			1492
	Currency <Ccy>	[0..1]	CodeSet	C1	1495
	TotalAmount <TtlAmt>	[1..1]	Amount		1495
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1495
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1495
	DetailedAmount <DtldAmt>	[0..1]	±		1495
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1496
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1496
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1496
	ValidityDate <VldtyDt>	[0..1]	Date		1496
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1496
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1497
	AccountType <AcctTp>	[0..1]	CodeSet		1497
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1498
	AcceptedByCardholder <AcptdByCrhdldr>	[0..1]	Indicator		1500
	Conversion <Convs>	[0..1]			1500
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1502
	TargetCurrency <TrgtCcy>	[1..1]			1502
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1503
	ExchangeRate <XchgRate>	[1..1]	Rate		1503
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1503
	QuotationDate <QtnDt>	[0..1]	DateTime		1503
	ValidFrom <VldFr>	[0..1]	DateTime		1503
	ValidUntil <VldUntil>	[0..1]	DateTime		1503
	SourceCurrency <SrcCcy>	[1..1]			1503

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504
	Name <Nm>	[0..1]	Text		1504
	ApplicableBinRange <ApblBinRg>	[0..*]			1504
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505
	OriginalAmount <OrgnlAmt>	[0..1]			1505
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505
	CommissionDetails <ComssnDtls>	[0..*]			1506
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	MarkUpDetails <MrkUpDtls>	[0..*]			1506
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1506
	Instalment <Instlmt>	[0..*]	±		1507
	Recurring <Rcrng>	[0..1]	±		1508
	AggregationTransaction <AggtnTx>	[0..1]	±		1509
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1509
	SaleItem <Saleitm>	[0..*]	±		1509
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1510
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1510
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1510
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1510
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1511
	AdditionalInformation <AddtlInf>	[0..*]			1511
	Identification <Id>	[1..1]	Text		1511
	Value <Val>	[0..1]	Binary		1511

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedValue <PrctdVal>	[0..1]	±		1511
	Type <Tp>	[0..1]	Text		1512
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1512
	AuthorisationResult <AuthstnRslt>	[0..1]			1512
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1512
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1513
	Response <Rspn>	[1..1]	CodeSet		1513
	ResponseReason <RspnRsn>	[0..1]	Text		1513
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1514
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1514
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1514
	AccountFrom <AcctFr>	[0..1]			1514
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1515
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1516
	AccountName <AcctNm>	[0..1]	Text		1516
	AccountOwner <AcctOwnr>	[0..1]			1517
	Name <Nm>	[1..1]	Text		1517
	Address <Adr>	[1..1]	±		1517
	Currency <Ccy>	[0..1]	CodeSet	C1	1517
	AccountIdentifier <Acctldr>	[0..1]			1518
{Or	Card <Card>	[1..1]	Text		1518
Or	MSISDN <MSISDN>	[1..1]	Text		1518
Or	EMail <EMail>	[1..1]	Text		1518
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1518
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1519
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1519
Or	Domestic <Dmst>	[1..1]	Text		1519
Or}	Other <Othr>	[1..1]	Text		1519
	Servicer <Svcr>	[0..1]			1519
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1520
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1520

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountTo <AcctTo>	[0..1]			1520
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1521
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1522
	AccountName <AcctNm>	[0..1]	Text		1522
	AccountOwner <AcctOwnr>	[0..1]			1523
	Name <Nm>	[1..1]	Text		1523
	Address <Adr>	[1..1]	±		1523
	Currency <Ccy>	[0..1]	CodeSet	C1	1523
	AccountIdentifier <AcctIdr>	[0..1]			1524
{Or	Card <Card>	[1..1]	Text		1524
Or	MSISDN <MSISDN>	[1..1]	Text		1524
Or	EMail <EMail>	[1..1]	Text		1524
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1524
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1525
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1525
Or	Domestic <Dmst>	[1..1]	Text		1525
Or}	Other <Othr>	[1..1]	Text		1525
	Servicer <Svcr>	[0..1]			1525
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1526
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1526
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1526
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1526
	CancellationAdvice <CxlAdvc>	[0..1]			1527
	Environment <Envt>	[1..1]	±	C9	1531
	Context <Cntxt>	[0..1]		C10	1537
	PaymentContext <PmtCntxt>	[0..1]			1540
	CardPresent <CardPres>	[0..1]	Indicator		1540
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1540
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1541
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1541
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1541

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1541
	BusinessArea <BizArea>	[0..1]	CodeSet		1542
	AttendantMessageCapable <AttndntMsgCpbl>	[0..1]	Indicator		1542
	AttendantLanguage <AttndntLang>	[0..1]	CodeSet	C13	1542
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1543
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1543
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1544
	SaleContext <SaleCntxt>	[0..1]			1544
	SaleIdentification <SaleId>	[0..1]	Text		1545
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1545
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1546
	CashierIdentification <CshrlId>	[0..1]	Text		1546
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1546
	ShiftNumber <ShftNb>	[0..1]	Text		1546
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1546
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1546
	InvoiceNumber <InvNb>	[0..1]	Text		1546
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1547
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1547
	CommonName <CmonNm>	[1..1]	Text		1547
	Address <Adr>	[0..1]	Text		1547
	CountryCode <CtryCd>	[1..1]	CodeSet		1547
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1547
	RegisteredIdentifier <Regldr>	[1..1]	Text		1547
	SplitPayment <Spltpmt>	[0..1]	Indicator		1548
	RemainingAmount <RmngAmt>	[0..1]	Amount		1548
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1548
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1548
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1548
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1549
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1549

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1549
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1550
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1550
	SystemToNotify <SysToNtfy>	[0..1]	Text		1550
	Debtor <Dbtr>	[0..1]	±		1551
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1552
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1554
	Debtor <Dbtr>	[0..1]	±		1555
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1556
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1557
	Creditor <Cdtr>	[0..1]	±		1557
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1558
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1559
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1559
	MandateIdentification <MndtId>	[1..1]	Text		1560
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1560
	MandateImage <MndtImg>	[0..1]	Binary		1560
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1560
	Transaction <Tx>	[1..1]			1560
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1562
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1562
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1562
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1562
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1562
	TransactionIdentification <TxId>	[1..1]	±		1562
	OriginalTransaction <OrgnlTx>	[0..1]	±		1563
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1563

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Reversal <Rvsl>	[0..1]	Indicator		1564
	FailureReason <FailRsn>	[0..*]	CodeSet		1564
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1565
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1565
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1565
	InterchangeData <IntrchnngData>	[0..1]	Text		1565
	TransactionDetails <TxDtls>	[1..1]			1565
	Currency <Ccy>	[0..1]	CodeSet	C1	1565
	TotalAmount <TtlAmt>	[1..1]	Amount		1566
	ValidityDate <VldtyDt>	[0..1]	Date		1566
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1566
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1566
	AuthorisationResult <AuthstnRslt>	[0..1]			1566
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1567
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1567
	Response <Rspn>	[1..1]	CodeSet		1568
	ResponseReason <RspnRsn>	[0..1]	Text		1568
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1568
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1568
	TMSTrigger <TMSTrggr>	[0..1]			1568
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1568
	TMSIdentification <TMSId>	[0..1]	Text		1569
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1569
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1569
	BatchTransfer <BtchTrf>	[0..1]			1569
	TransactionTotals <TxTtls>	[0..*]			1573
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1573
	CardBrand <CardBrnd>	[0..1]	Text		1573
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1574
	Currency <Ccy>	[0..1]	CodeSet	C1	1574
	Type <Tp>	[1..1]	CodeSet		1574

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalNumber <TtlNb>	[1..1]	Quantity		1574
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1574
	DataSet <DataSet>	[0..*]			1575
	DataSetIdentification <DataSetId>	[1..1]			1579
	Name <Nm>	[1..1]	Text		1579
	Type <Tp>	[1..1]	CodeSet		1579
	Version <Vrsn>	[0..1]	Text		1580
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1580
	Traceability <Tracblt>	[0..*]	±		1580
	DataSetInitiator <DataSetInitr>	[0..1]	±		1580
	TransactionTotals <TxTtls>	[1..*]			1581
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1581
	CardBrand <CardBrnd>	[0..1]	Text		1581
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1581
	Currency <Ccy>	[0..1]	CodeSet	C1	1581
	Type <Tp>	[1..1]	CodeSet		1582
	TotalNumber <TtlNb>	[1..1]	Quantity		1582
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1582
	CommonData <CmonData>	[0..1]			1582
	Environment <Envnt>	[0..1]	±	C9	1585
	Context <Cntxt>	[0..1]		C10	1591
	PaymentContext <PmtCntxt>	[0..1]			1594
	CardPresent <CardPres>	[0..1]	Indicator		1594
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1594
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1595
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1595
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1595
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1595
	BusinessArea <BizArea>	[0..1]	CodeSet		1596
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1596
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1596

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1597
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1597
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1598
	SaleContext <SaleCntxt>	[0..1]			1598
	SaleIdentification <SaleId>	[0..1]	Text		1599
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1599
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1600
	CashierIdentification <CshrId>	[0..1]	Text		1600
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1600
	ShiftNumber <ShftNb>	[0..1]	Text		1600
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1600
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1600
	InvoiceNumber <InvNb>	[0..1]	Text		1600
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1601
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1601
	CommonName <CmonNm>	[1..1]	Text		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1601
	SplitPayment <Spltpmt>	[0..1]	Indicator		1602
	RemainingAmount <RmngAmt>	[0..1]	Amount		1602
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1602
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1602
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1602
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1603
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1603
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1603
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1604
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1604
	SystemToNotify <SysToNtfy>	[0..1]	Text		1604

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1606
	Creditor <Cdtr>	[0..1]	±		1606
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1607
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1608
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1608
	Debtor <Dbtr>	[0..1]	±		1609
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1610
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1611
	Creditor <Cdtr>	[0..1]	±		1611
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1612
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1613
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1613
	MandateIdentification <MndtId>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <MndtImg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1614
	TransactionType <TxTp>	[0..1]	CodeSet		1614
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1615
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1616
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1616
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1616
	Currency <Ccy>	[0..1]	CodeSet	C1	1617
	Transaction <Tx>	[1..*]			1617
{Or	Completion <Cmpltn>	[1..1]	±		1617
Or	Cancellation <Cxl>	[1..1]	±		1624
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1628
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1635
Or	TokenRequest <TknReq>	[1..1]			1640
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1640

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1640
Or}	TokenResponse <TknRspn>	[1..1]			1646
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1646
	Environment <Envt>	[1..1]	±	C9	1647
	SecurityTrailer <SctyTrlr>	[0..1]	±		1653

27.3 Constraints

C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

C3 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.

C4 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

C5 CurrencyAmount

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

C6 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

C7 IdentificationAndProxyGuideline

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

C8 IdentificationOrProxyPresenceRule

Identification must be present or Proxy must be present. Both may be present.

C9 OneElementPresenceRule

At least one of these subelements must be present.

C10 OneElementPresenceRule

At least one of these subelements must be present.

C11 OneElementPresenceRule

At least one of these subelements must be present.

C12 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.

C13 ValidationByTable

Must be a valid terrestrial language.

27.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

27.4.1 Header <Hdr>

Presence: [1..1]

Definition: AcceptorToAcquirerBatchFileExchange message management information.

Header <Hdr> contains the following **Header56** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1430
	FormatVersion <FrmtVrsn>	[1..1]	Text		1430
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1431
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1431
	InitiatingParty <InitgPty>	[1..1]	±		1431
	RecipientParty <RcptPty>	[0..1]	±		1431

27.4.1.1 DownloadTransfer <DwnldTrf>

Presence: [1..1]

Definition: Indicates if the file transfer is a download or an upload.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.1.2 FormatVersion <FrmtVrsn>

Presence: [1..1]

Definition: Version of file format.

Datatype: "Max6Text" on page 2383

27.4.1.3 ExchangeIdentification <XchgId>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: "Number" on page 2377

27.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the file or message was created.

Datatype: "ISODateTime" on page 2374

27.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification176" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

27.4.1.6 RecipientParty <RcptPty>

Presence: [0..1]

Definition: Unique identification of the partner that is the recipient of the exchange.

RecipientParty <RcptPty> contains the following elements (see "[GenericIdentification177](#)" on page 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

27.4.2 BodyElement <BodyElmt>

Presence: [1..*]

Definition: Record of an exchange to an Acquirer.

BodyElement <BodyElmt> contains the following **AcceptorToAcquirerFileBody2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionAdvice <CmpltnAdvc>	[0..1]			1445
	Environment <Envt>	[1..1]	±	C9	1452
	Context <Cntxt>	[0..1]		C10	1458
	PaymentContext <PmtCntxt>	[0..1]			1461
	CardPresent <CardPres>	[0..1]	Indicator		1461
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1461
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1462
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1462
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1462
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1462
	BusinessArea <BizArea>	[0..1]	CodeSet		1463
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1463
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1463
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1464
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1464
	SupportedOption <SprtdOptn>	[0..*]	CodeSet		1465
	SaleContext <SaleCntxt>	[0..1]			1465
	SaleIdentification <SaleId>	[0..1]	Text		1466
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1466
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1467
	CashierIdentification <CshrId>	[0..1]	Text		1467
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1467
	ShiftNumber <ShftNb>	[0..1]	Text		1467
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1467
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1467
	InvoiceNumber <InvcNb>	[0..1]	Text		1467
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1468
	SponsoredMerchant <SpnsrdMrcht>	[0..*]			1468
	CommonName <CmonNm>	[1..1]	Text		1468
	Address <Adr>	[0..1]	Text		1468
	CountryCode <CtryCd>	[1..1]	CodeSet		1468

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1468
	RegisteredIdentifier <RegldId>	[1..1]	Text		1468
	SplitPayment <SplitPmt>	[0..1]	Indicator		1469
	RemainingAmount <RmngAmt>	[0..1]	Amount		1469
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1469
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1469
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1469
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1470
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1470
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1470
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1471
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1471
	SystemToNotify <SysToNtfy>	[0..1]	Text		1471
	Debtor <Dbtr>	[0..1]	±		1472
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1473
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1473
	Creditor <Cdtr>	[0..1]	±		1473
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1474
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1475
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1475
	Debtor <Dbtr>	[0..1]	±		1476
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1477
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1478
	Creditor <Cdtr>	[0..1]	±		1478
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1479
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1480
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1480
	MandateIdentification <MndtId>	[1..1]	Text		1481
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1481
	MandateImage <MndtImg>	[0..1]	Binary		1481
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1481

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Transaction <Tx>	[1..1]			1481
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1486
	TransactionType <TxTp>	[0..1]	CodeSet		1486
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1487
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1488
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1488
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1488
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1488
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1489
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1489
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		1489
	TransactionIdentification <Txld>	[1..1]	±		1489
	OriginalTransaction <OrgnlTx>	[0..1]	±		1489
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1490
	Reversal <Rvsl>	[0..1]	Indicator		1490
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1491
	FailureReason <FailrRsn>	[0..*]	CodeSet		1491
	InitiatorTransactionIdentification <InitrTxld>	[0..1]	Text		1492
	RecipientTransactionIdentification <RcptTxld>	[0..1]	Text		1492
	ReconciliationIdentification <Rcncltnld>	[0..1]	Text		1492
	InterchangeData <IntrchgData>	[0..1]	Text		1492
	IssuerCITIdentification <IssrCITld>	[0..1]	Text		1492
	MerchantCITIdentification <MrchntCITld>	[0..1]	Text		1492
	TransactionDetails <TxDtls>	[1..1]			1492
	Currency <Ccy>	[0..1]	CodeSet	C1	1495
	TotalAmount <TtlAmt>	[1..1]	Amount		1495
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1495
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1495
	DetailedAmount <DtldAmt>	[0..1]	±		1495
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1496
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1496

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceAmount <InvAmt>	[0..1]	Amount		1496
	ValidityDate <VldtyDt>	[0..1]	Date		1496
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1496
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1497
	AccountType <AcctTp>	[0..1]	CodeSet		1497
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1498
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1500
	Conversion <Convs>	[0..1]			1500
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1502
	TargetCurrency <TrgtCcy>	[1..1]			1502
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502
	ResultingAmount <RsltAmt>	[0..1]	Amount		1503
	ExchangeRate <XchgRate>	[1..1]	Rate		1503
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1503
	QuotationDate <QtnDt>	[0..1]	DateTime		1503
	ValidFrom <VldFr>	[0..1]	DateTime		1503
	ValidUntil <VldUntil>	[0..1]	DateTime		1503
	SourceCurrency <SrcCcy>	[1..1]			1503
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504
	Name <Nm>	[0..1]	Text		1504
	ApplicableBinRange <AplblBinRg>	[0..*]			1504
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505
	OriginalAmount <OrgnlAmt>	[0..1]			1505
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505
	CommissionDetails <ComssnDtls>	[0..*]			1506
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	MarkUpDetails <MrkUpDtls>	[0..*]			1506
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1506
	Instalment <Instlmt>	[0..*]	±		1507
	Recurring <Rcrng>	[0..1]	±		1508
	AggregationTransaction <AggtnTx>	[0..1]	±		1509
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1509
	SaleItem <Saleitm>	[0..*]	±		1509
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1510
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1510
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1510
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1510
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1511
	AdditionalInformation <AddtlInf>	[0..*]			1511
	Identification <Id>	[1..1]	Text		1511
	Value <Val>	[0..1]	Binary		1511
	ProtectedValue <PrctcdVal>	[0..1]	±		1511
	Type <Tp>	[0..1]	Text		1512
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1512
	AuthorisationResult <AuthstnRslt>	[0..1]			1512
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1512
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1513
	Response <Rspn>	[1..1]	CodeSet		1513
	ResponseReason <RspnRsn>	[0..1]	Text		1513
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1514
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1514

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1514
	AccountFrom <AcctFr>	[0..1]			1514
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1515
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1516
	AccountName <AcctNm>	[0..1]	Text		1516
	AccountOwner <AcctOwnr>	[0..1]			1517
	Name <Nm>	[1..1]	Text		1517
	Address <Adr>	[1..1]	±		1517
	Currency <Ccy>	[0..1]	CodeSet	C1	1517
	AccountIdentifier <Acctldr>	[0..1]			1518
{Or	Card <Card>	[1..1]	Text		1518
Or	MSISDN <MSISDN>	[1..1]	Text		1518
Or	EMail <EMail>	[1..1]	Text		1518
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1518
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1519
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1519
Or	Domestic <Dmst>	[1..1]	Text		1519
Or}	Other <Othr>	[1..1]	Text		1519
	Servicer <Svcr>	[0..1]			1519
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1520
Or}	ProprietaryIdentification <Prtryld>	[1..1]	±		1520
	AccountTo <AcctTo>	[0..1]			1520
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1521
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1522
	AccountName <AcctNm>	[0..1]	Text		1522
	AccountOwner <AcctOwnr>	[0..1]			1523
	Name <Nm>	[1..1]	Text		1523
	Address <Adr>	[1..1]	±		1523
	Currency <Ccy>	[0..1]	CodeSet	C1	1523
	AccountIdentifier <Acctldr>	[0..1]			1524
{Or	Card <Card>	[1..1]	Text		1524

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1524
Or	EMail <EMail>	[1..1]	Text		1524
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1524
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1525
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1525
Or	Domestic <Dmst>	[1..1]	Text		1525
Or}	Other <Othr>	[1..1]	Text		1525
	Servicer <Svcr>	[0..1]			1525
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1526
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1526
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1526
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1526
	CancellationAdvice <CxlAdv<	[0..1]			1527
	Environment <Env<	[1..1]	±	C9	1531
	Context <Cntxt>	[0..1]		C10	1537
	PaymentContext <PmtCntxt>	[0..1]			1540
	CardPresent <CardPres>	[0..1]	Indicator		1540
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1540
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1541
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1541
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1541
	TransactionChannel <TxChan<	[0..1]	CodeSet		1541
	BusinessArea <BizArea>	[0..1]	CodeSet		1542
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1542
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1542
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1543
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1543
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1544
	SaleContext <SaleCntxt>	[0..1]			1544
	SaleIdentification <SaleId>	[0..1]	Text		1545
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1545

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1546
	CashierIdentification <CshrlId>	[0..1]	Text		1546
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1546
	ShiftNumber <ShftNb>	[0..1]	Text		1546
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1546
	PurchaseOrderNumber <PurchsOrdNb>	[0..1]	Text		1546
	InvoiceNumber <InvcNb>	[0..1]	Text		1546
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1547
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1547
	CommonName <CmonNm>	[1..1]	Text		1547
	Address <Adr>	[0..1]	Text		1547
	CountryCode <CtryCd>	[1..1]	CodeSet		1547
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1547
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1547
	SplitPayment <Spltpmt>	[0..1]	Indicator		1548
	RemainingAmount <RmngAmt>	[0..1]	Amount		1548
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1548
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1548
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1548
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1549
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1549
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1549
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1550
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1550
	SystemToNotify <SysToNtfy>	[0..1]	Text		1550
	Debtor <Dbtr>	[0..1]	±		1551
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1552
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1554
	Debtor <Dbtr>	[0..1]	±		1555
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1556
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1557
	Creditor <Cdtr>	[0..1]	±		1557
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1558
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1559
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1559
	MandateIdentification <MndtId>	[1..1]	Text		1560
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1560
	MandateImage <MndtImg>	[0..1]	Binary		1560
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1560
	Transaction <Tx>	[1..1]			1560
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1562
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1562
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1562
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1562
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1562
	TransactionIdentification <TxId>	[1..1]	±		1562
	OriginalTransaction <OrgnlTx>	[0..1]	±		1563
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1563
	Reversal <Rvsl>	[0..1]	Indicator		1564
	FailureReason <FailrRsn>	[0..*]	CodeSet		1564
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1565
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1565
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1565
	InterchangeData <IntrchnngData>	[0..1]	Text		1565
	TransactionDetails <TxDtls>	[1..1]			1565
	Currency <Ccy>	[0..1]	CodeSet	C1	1565
	TotalAmount <TtlAmt>	[1..1]	Amount		1566
	ValidityDate <VldtyDt>	[0..1]	Date		1566

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1566
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1566
	AuthorisationResult <AuthstnRslt>	[0..1]			1566
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1567
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1567
	Response <Rspn>	[1..1]	CodeSet		1568
	ResponseReason <RspnRsn>	[0..1]	Text		1568
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1568
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1568
	TMSTrigger <TMSTrggr>	[0..1]			1568
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1568
	TMSIdentification <TMSId>	[0..1]	Text		1569
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1569
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1569
	BatchTransfer <BtchTrf>	[0..1]			1569
	TransactionTotals <TxTtls>	[0..*]			1573
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1573
	CardBrand <CardBrnd>	[0..1]	Text		1573
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1574
	Currency <Ccy>	[0..1]	CodeSet	C1	1574
	Type <Tp>	[1..1]	CodeSet		1574
	TotalNumber <TtlNb>	[1..1]	Quantity		1574
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1574
	DataSet <DataSet>	[0..*]			1575
	DataSetIdentification <DataSetId>	[1..1]			1579
	Name <Nm>	[1..1]	Text		1579
	Type <Tp>	[1..1]	CodeSet		1579
	Version <Vrsn>	[0..1]	Text		1580
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1580
	Traceability <Tracblt>	[0..*]	±		1580
	DataSetInitiator <DataSetInitr>	[0..1]	±		1580

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[1..*]			1581
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1581
	CardBrand <CardBrnd>	[0..1]	Text		1581
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1581
	Currency <Ccy>	[0..1]	CodeSet	C1	1581
	Type <Tp>	[1..1]	CodeSet		1582
	TotalNumber <TtlNb>	[1..1]	Quantity		1582
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1582
	CommonData <CmonData>	[0..1]			1582
	Environment <Envt>	[0..1]	±	C9	1585
	Context <Cntxt>	[0..1]		C10	1591
	PaymentContext <PmtCntxt>	[0..1]			1594
	CardPresent <CardPres>	[0..1]	Indicator		1594
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1594
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1595
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1595
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1595
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1595
	BusinessArea <BizArea>	[0..1]	CodeSet		1596
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1596
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1596
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1597
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1597
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1598
	SaleContext <SaleCntxt>	[0..1]			1598
	SaleIdentification <SaleId>	[0..1]	Text		1599
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1599
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1600
	CashierIdentification <CshrId>	[0..1]	Text		1600
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1600
	ShiftNumber <ShftNb>	[0..1]	Text		1600

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1600
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1600
	InvoiceNumber <InvcNb>	[0..1]	Text		1600
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1601
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1601
	CommonName <CmonNm>	[1..1]	Text		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1601
	SplitPayment <Spltpmt>	[0..1]	Indicator		1602
	RemainingAmount <RmngAmt>	[0..1]	Amount		1602
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1602
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1602
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1602
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1603
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1603
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1603
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1604
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1604
	SystemToNotify <SysToNtfy>	[0..1]	Text		1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1606
	Creditor <Cdtr>	[0..1]	±		1606
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1607
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1608
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1608
	Debtor <Dbtr>	[0..1]	±		1609
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1610
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1611

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[0..1]	±		1611
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1612
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1613
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1613
	MandateIdentification <MndtId>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <MndtImg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1614
	TransactionType <TxTp>	[0..1]	CodeSet		1614
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1615
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1616
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1616
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1616
	Currency <Ccy>	[0..1]	CodeSet	C1	1617
	Transaction <Tx>	[1..*]			1617
{Or	Completion <Cmpltn>	[1..1]	±		1617
Or	Cancellation <Cxl>	[1..1]	±		1624
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1628
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1635
Or	TokenRequest <TknReq>	[1..1]			1640
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1640
	Environment <Envt>	[1..1]	±	C9	1640
Or}	TokenResponse <TknRspn>	[1..1]			1646
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1646
	Environment <Envt>	[1..1]	±	C9	1647

27.4.2.1 CompletionAdvice <CmpltnAdvc>

Presence: [0..1]

Definition: Information related to the completion advice.

CompletionAdvice <CmpltnAdvc> contains the following **AcceptorCompletionAdvice14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1452
	Context <Cntxt>	[0..1]		C10	1458
	PaymentContext <PmtCntxt>	[0..1]			1461
	CardPresent <CardPres>	[0..1]	Indicator		1461
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1461
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1462
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1462
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1462
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1462
	BusinessArea <BizArea>	[0..1]	CodeSet		1463
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1463
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1463
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1464
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1464
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1465
	SaleContext <SaleCntxt>	[0..1]			1465
	SaleIdentification <SaleId>	[0..1]	Text		1466
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1466
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1467
	CashierIdentification <CshrId>	[0..1]	Text		1467
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1467
	ShiftNumber <ShftNb>	[0..1]	Text		1467
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1467
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1467
	InvoiceNumber <InvNb>	[0..1]	Text		1467
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1468
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1468
	CommonName <CmonNm>	[1..1]	Text		1468
	Address <Adr>	[0..1]	Text		1468
	CountryCode <CtryCd>	[1..1]	CodeSet		1468
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1468

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1468
	SplitPayment <SpltPmt>	[0..1]	Indicator		1469
	RemainingAmount <RmngAmt>	[0..1]	Amount		1469
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1469
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1469
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1469
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1470
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1470
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1470
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1471
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1471
	SystemToNotify <SysToNtfy>	[0..1]	Text		1471
	Debtor <Dbtr>	[0..1]	±		1472
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1473
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1473
	Creditor <Cdtr>	[0..1]	±		1473
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1474
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1475
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1475
	Debtor <Dbtr>	[0..1]	±		1476
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1477
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1478
	Creditor <Cdtr>	[0..1]	±		1478
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1479
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1480
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1480
	MandateIdentification <MndtId>	[1..1]	Text		1481
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1481
	MandateImage <MndtImg>	[0..1]	Binary		1481
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1481
	Transaction <Tx>	[1..1]			1481

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1486
	TransactionType <TxTp>	[0..1]	CodeSet		1486
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1487
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1488
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1488
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1488
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1488
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1489
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1489
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1489
	TransactionIdentification <TxId>	[1..1]	±		1489
	OriginalTransaction <OrgnlTx>	[0..1]	±		1489
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1490
	Reversal <Rvsl>	[0..1]	Indicator		1490
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1491
	FailureReason <FailRsn>	[0..*]	CodeSet		1491
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1492
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1492
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1492
	InterchangeData <IntrchnngData>	[0..1]	Text		1492
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1492
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1492
	TransactionDetails <TxDtls>	[1..1]			1492
	Currency <Ccy>	[0..1]	CodeSet	C1	1495
	TotalAmount <TtlAmt>	[1..1]	Amount		1495
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1495
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1495
	DetailedAmount <DtldAmt>	[0..1]	±		1495
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1496
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1496
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1496

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1496
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1496
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1497
	AccountType <AcctTp>	[0..1]	CodeSet		1497
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1498
	AcceptedByCardholder <AcptdByCrdhldr>	[0..1]	Indicator		1500
	Conversion <Convs>	[0..1]			1500
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1502
	TargetCurrency <TrgtCcy>	[1..1]			1502
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502
	ResultingAmount <RsltAmt>	[0..1]	Amount		1503
	ExchangeRate <XchgRate>	[1..1]	Rate		1503
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1503
	QuotationDate <QtnDt>	[0..1]	DateTime		1503
	ValidFrom <VldFr>	[0..1]	DateTime		1503
	ValidUntil <VldUntil>	[0..1]	DateTime		1503
	SourceCurrency <SrcCcy>	[1..1]			1503
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504
	Name <Nm>	[0..1]	Text		1504
	ApplicableBinRange <AplblBinRg>	[0..*]			1504
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505
	OriginalAmount <OrgnlAmt>	[0..1]			1505
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1506
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	MarkUpDetails <MrkUpDtls>	[0..*]			1506
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1506
	Instalment <Instlmt>	[0..*]	±		1507
	Recurring <Rcrng>	[0..1]	±		1508
	AggregationTransaction <AggtnTx>	[0..1]	±		1509
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1509
	SaleItem <Saleitm>	[0..*]	±		1509
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1510
	ReSubmissionCounter <ReSubmissnCntr>	[0..1]	Quantity		1510
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1510
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1510
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1511
	AdditionalInformation <AddtlInf>	[0..*]			1511
	Identification <Id>	[1..1]	Text		1511
	Value <Val>	[0..1]	Binary		1511
	ProtectedValue <PrctcdVal>	[0..1]	±		1511
	Type <Tp>	[0..1]	Text		1512
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1512
	AuthorisationResult <AuthstnRslt>	[0..1]			1512
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1512
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1513
	Response <Rspn>	[1..1]	CodeSet		1513
	ResponseReason <RspnRsn>	[0..1]	Text		1513
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1514
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1514
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1514

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1514
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1515
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1516
	AccountName <AcctNm>	[0..1]	Text		1516
	AccountOwner <AcctOwnr>	[0..1]			1517
	Name <Nm>	[1..1]	Text		1517
	Address <Adr>	[1..1]	±		1517
	Currency <Ccy>	[0..1]	CodeSet	C1	1517
	AccountIdentifier <AcctIdr>	[0..1]			1518
{Or	Card <Card>	[1..1]	Text		1518
Or	MSISDN <MSISDN>	[1..1]	Text		1518
Or	EMail <EMail>	[1..1]	Text		1518
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1518
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1519
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1519
Or	Domestic <Dmst>	[1..1]	Text		1519
Or}	Other <Othr>	[1..1]	Text		1519
	Servicer <Svcr>	[0..1]			1519
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1520
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1520
	AccountTo <AcctTo>	[0..1]			1520
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1521
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1522
	AccountName <AcctNm>	[0..1]	Text		1522
	AccountOwner <AcctOwnr>	[0..1]			1523
	Name <Nm>	[1..1]	Text		1523
	Address <Adr>	[1..1]	±		1523
	Currency <Ccy>	[0..1]	CodeSet	C1	1523
	AccountIdentifier <AcctIdr>	[0..1]			1524
{Or	Card <Card>	[1..1]	Text		1524
Or	MSISDN <MSISDN>	[1..1]	Text		1524

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		1524
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1524
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1525
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1525
Or	Domestic <Dmst>	[1..1]	Text		1525
Or}	Other <Othr>	[1..1]	Text		1525
	Servicer <Svcr>	[0..1]			1525
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1526
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1526
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1526
	SupplementaryData <SplmtryData>	[0..*]	±	C12	1526

27.4.2.1.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.1.2 Context <Cntxt>

Presence: [0..1]

Definition: Context in which the transaction is performed (payment and sale).

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1461
	CardPresent <CardPres>	[0..1]	Indicator		1461
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1461
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1462
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1462
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1462
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1462
	BusinessArea <BizArea>	[0..1]	CodeSet		1463
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1463
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1463
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1464
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1464
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1465
	SaleContext <SaleCntxt>	[0..1]			1465
	SaleIdentification <SaleId>	[0..1]	Text		1466
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1466
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1467
	CashierIdentification <CshrId>	[0..1]	Text		1467
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1467
	ShiftNumber <ShftNb>	[0..1]	Text		1467
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1467
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1467
	InvoiceNumber <InvNb>	[0..1]	Text		1467
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1468
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1468
	CommonName <CmonNm>	[1..1]	Text		1468
	Address <Adr>	[0..1]	Text		1468
	CountryCode <CtryCd>	[1..1]	CodeSet		1468
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1468
	RegisteredIdentifier <Regldr>	[1..1]	Text		1468
	SplitPayment <SpltPmt>	[0..1]	Indicator		1469

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1469
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1469
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1469
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1469
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1470
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1470
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1470
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1471
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1471
	SystemToNotify <SysToNtfy>	[0..1]	Text		1471
	Debtor <Dbtr>	[0..1]	±		1472
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1473
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1473
	Creditor <Cdtr>	[0..1]	±		1473
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1474
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1475
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1475
	Debtor <Dbtr>	[0..1]	±		1476
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1477
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1478
	Creditor <Cdtr>	[0..1]	±		1478
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1479
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1480
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1480
	MandateIdentification <Mndtld>	[1..1]	Text		1481
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1481
	MandateImage <Mndtlmg>	[0..1]	Binary		1481
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1481

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.1.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1461
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1461
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1462
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1462
	TransactionEnvironment <TxEnv>	[0..1]	CodeSet		1462
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1462
	BusinessArea <BizArea>	[0..1]	CodeSet		1463
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1463
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1463
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1464
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1464
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1465

27.4.2.1.2.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

27.4.2.1.2.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

27.4.2.1.2.1.6 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 2370

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.

CodeName	Name	Definition
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

27.4.2.1.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

27.4.2.1.2.1.8 AttendantMessageCapable <AttdntMsgCpbl>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.1.9 AttendantLanguage <AttdntLang>

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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.4.2.1.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

27.4.2.1.2.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

27.4.2.1.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

27.4.2.1.2.2 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		1466
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1466
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1467
	CashierIdentification <CshrId>	[0..1]	Text		1467
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1467
	ShiftNumber <ShftNb>	[0..1]	Text		1467
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1467
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1467
	InvoiceNumber <InvcNb>	[0..1]	Text		1467
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1468
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1468
	CommonName <CmonNm>	[1..1]	Text		1468
	Address <Adr>	[0..1]	Text		1468
	CountryCode <CtryCd>	[1..1]	CodeSet		1468
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1468
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1468
	SplitPayment <Spltpmt>	[0..1]	Indicator		1469
	RemainingAmount <RmngAmt>	[0..1]	Amount		1469
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1469
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1469
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1469
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1470
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1470

27.4.2.1.2.2.1 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 2382

27.4.2.1.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.4.2.1.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

27.4.2.1.2.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.2.11 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		1468
	Address <Adr>	[0..1]	Text		1468
	CountryCode <CtryCd>	[1..1]	CodeSet		1468
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1468
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1468

27.4.2.1.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

27.4.2.1.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

27.4.2.1.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

27.4.2.1.2.2.11.4 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 2385

27.4.2.1.2.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.2.13 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 2313

27.4.2.1.2.2.14 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

27.4.2.1.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

27.4.2.1.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

27.4.2.1.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1471
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1471
	SystemToNotify <SysToNtfy>	[0..1]	Text		1471
	Debtor <Dbtr>	[0..1]	±		1472
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1473
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1473
	Creditor <Cdtr>	[0..1]	±		1473
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1474
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1475

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.1.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

27.4.2.1.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.1.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

27.4.2.1.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.1.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.1.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

27.4.2.1.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.1.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1476
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1477
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1478
	Creditor <Cdtr>	[0..1]	±		1478
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1479
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1480
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1480
	MandateIdentification <MndtId>	[1..1]	Text		1481
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1481
	MandateImage <MndtImg>	[0..1]	Binary		1481
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1481

27.4.2.1.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.1.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

27.4.2.1.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.1.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.1.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
Or /Proxy Must be present

27.4.2.1.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.1.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1481
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1481
	MandateImage <MndtImg>	[0..1]	Binary		1481
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1481

27.4.2.1.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

27.4.2.1.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

27.4.2.1.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

27.4.2.1.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.1.3 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction140** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1486
	TransactionType <TxTp>	[0..1]	CodeSet		1486
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1487
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1488
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1488
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1488
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1488
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1489
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1489
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1489
	TransactionIdentification <TxId>	[1..1]	±		1489
	OriginalTransaction <OrgnlTx>	[0..1]	±		1489
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1490
	Reversal <Rvs/ >	[0..1]	Indicator		1490
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1491
	FailureReason <FailrRsn>	[0..*]	CodeSet		1491
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1492
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1492
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1492
	InterchangeData <IntrchnngData>	[0..1]	Text		1492
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1492
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1492
	TransactionDetails <TxDtls>	[1..1]			1492
	Currency <Ccy>	[0..1]	CodeSet	C1	1495
	TotalAmount <TtlAmt>	[1..1]	Amount		1495
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1495
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1495
	DetailedAmount <DtlAmt>	[0..1]	±		1495
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1496
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1496
	InvoiceAmount <InvAmt>	[0..1]	Amount		1496

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1496
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1496
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1497
	AccountType <AcctTp>	[0..1]	CodeSet		1497
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1498
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1500
	Conversion <Convs>	[0..1]			1500
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1502
	TargetCurrency <TrgtCcy>	[1..1]			1502
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502
	ResultingAmount <RsltAmt>	[0..1]	Amount		1503
	ExchangeRate <XchgRate>	[1..1]	Rate		1503
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1503
	QuotationDate <QtnDt>	[0..1]	DateTime		1503
	ValidFrom <VldFr>	[0..1]	DateTime		1503
	ValidUntil <VldUntil>	[0..1]	DateTime		1503
	SourceCurrency <SrcCcy>	[1..1]			1503
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504
	Name <Nm>	[0..1]	Text		1504
	ApplicableBinRange <AplblBinRg>	[0..*]			1504
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505
	OriginalAmount <OrgnlAmt>	[0..1]			1505
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1506
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	MarkUpDetails <MrkUpDtls>	[0..*]			1506
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	DeclarationDetails <DclrtDtls>	[0..*]	±		1506
	Instalment <Instlmt>	[0..*]	±		1507
	Recurring <Rcrng>	[0..1]	±		1508
	AggregationTransaction <AggtnTx>	[0..1]	±		1509
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1509
	SaleItem <Saleitm>	[0..*]	±		1509
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1510
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1510
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1510
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1510
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1511
	AdditionalInformation <AddtlInf>	[0..*]			1511
	Identification <Id>	[1..1]	Text		1511
	Value <Val>	[0..1]	Binary		1511
	ProtectedValue <PrctcdVal>	[0..1]	±		1511
	Type <Tp>	[0..1]	Text		1512
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1512
	AuthorisationResult <AuthstnRslt>	[0..1]			1512
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1512
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1513
	Response <Rspn>	[1..1]	CodeSet		1513
	ResponseReason <RspnRsn>	[0..1]	Text		1513
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1514
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1514
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1514

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1514
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1515
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1516
	AccountName <AcctNm>	[0..1]	Text		1516
	AccountOwner <AcctOwnr>	[0..1]			1517
	Name <Nm>	[1..1]	Text		1517
	Address <Adr>	[1..1]	±		1517
	Currency <Ccy>	[0..1]	CodeSet	C1	1517
	AccountIdentifier <AcctIdr>	[0..1]			1518
{Or	Card <Card>	[1..1]	Text		1518
Or	MSISDN <MSISDN>	[1..1]	Text		1518
Or	EMail <EMail>	[1..1]	Text		1518
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1518
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1519
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1519
Or	Domestic <Dmst>	[1..1]	Text		1519
Or}	Other <Othr>	[1..1]	Text		1519
	Servicer <Svcr>	[0..1]			1519
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1520
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1520
	AccountTo <AcctTo>	[0..1]			1520
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1521
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1522
	AccountName <AcctNm>	[0..1]	Text		1522
	AccountOwner <AcctOwnr>	[0..1]			1523
	Name <Nm>	[1..1]	Text		1523
	Address <Adr>	[1..1]	±		1523
	Currency <Ccy>	[0..1]	CodeSet	C1	1523
	AccountIdentifier <AcctIdr>	[0..1]			1524
{Or	Card <Card>	[1..1]	Text		1524
Or	MSISDN <MSISDN>	[1..1]	Text		1524

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	E Mail <EMail>	[1..1]	Text		1524
Or	I BAN <IBAN>	[1..1]	IdentifierSet	C6	1524
Or	B BAN <BBAN>	[1..1]	IdentifierSet		1525
Or	U PIC <UPIC>	[1..1]	IdentifierSet		1525
Or	D omestic <Dmst>	[1..1]	Text		1525
Or}	O ther <Othr>	[1..1]	Text		1525
	S ervicer <Svcr>	[0..1]			1525
{Or	A nyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1526
Or}	P roprietaryIdentification <PrtryId>	[1..1]	±		1526
	A dditionalTransactionData <AddtlTxData>	[0..*]	Text		1526

27.4.2.1.3.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.3.2 TransactionType <TxTp>

Presence: [0..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType12Code" on page 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.

CodeName	Name	Definition
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

27.4.2.1.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

27.4.2.1.3.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

27.4.2.1.3.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.3.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: "Min3Max4Text" on page 2385

27.4.2.1.3.7 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.3.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.9 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.11 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction assigned by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

27.4.2.1.3.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnITx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

27.4.2.1.3.13 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.3.14 Reversal <Rvsl>

Presence: [0..1]

Definition: Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.3.15 MerchantOverride <MrchntOvrrd>

Presence: [0..1]

Definition: Indicate that the acceptor has forced the transaction in spite of the authorisation result (online or offline), or incident to complete the transaction.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.3.16 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: ["FailureReason3Code" on page 2344](#)

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

27.4.2.1.3.17 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "Max140Text" on page 2380

27.4.2.1.3.19 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

27.4.2.1.3.21 IssuerCITIdentification <IssrCITId>

Presence: [0..1]

Definition: Identification, given by the Issuer, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2380

27.4.2.1.3.22 MerchantCITIdentification <MrchntCITId>

Presence: [0..1]

Definition: Identification, given by the merchant, of the transaction processed with the cardholder that legitimates this merchant initiated transaction.

Datatype: "Max140Text" on page 2380

27.4.2.1.3.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1495
	TotalAmount <TtlAmt>	[1..1]	Amount		1495
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1495
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1495
	DetailedAmount <DtldAmt>	[0..1]	±		1495
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1496
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1496
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1496
	ValidityDate <VldtyDt>	[0..1]	Date		1496
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1496
	UnattendedLevelCategory <UattnddLvltCtgy>	[0..1]	Text		1497
	AccountType <AcctTp>	[0..1]	CodeSet		1497
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1498
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1500
	Conversion <Convs>	[0..1]			1500
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1502
	TargetCurrency <TrgtCcy>	[1..1]			1502
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1503
	ExchangeRate <XchgRate>	[1..1]	Rate		1503
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1503
	QuotationDate <QtnDt>	[0..1]	DateTime		1503
	ValidFrom <VldFr>	[0..1]	DateTime		1503
	ValidUntil <VldUntil>	[0..1]	DateTime		1503
	SourceCurrency <SrcCcy>	[1..1]			1503
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1504
	ApplicableBinRange <AplblBinRg>	[0..*]			1504
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505
	OriginalAmount <OrgnlAmt>	[0..1]			1505
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505
	CommissionDetails <ComssnDtls>	[0..*]			1506
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	MarkUpDetails <MrkUpDtls>	[0..*]			1506
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1506
	Instalment <Instlmt>	[0..*]	±		1507
	Recurring <Rcrng>	[0..1]	±		1508
	AggregationTransaction <AggtTx>	[0..1]	±		1509
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1509
	SaleItem <Saleitm>	[0..*]	±		1509
	DeliveryLocation <DivryLctn>	[0..1]	Text		1510
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1510
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1510
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1510
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1511
	AdditionalInformation <AddtlInf>	[0..*]			1511
	Identification <Id>	[1..1]	Text		1511
	Value <Val>	[0..1]	Binary		1511
	ProtectedValue <PrctcdVal>	[0..1]	±		1511
	Type <Tp>	[0..1]	Text		1512
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1512

27.4.2.1.3.23.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.1.3.23.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

27.4.2.1.3.23.5 DetailedAmount <DtldAmt>

Presence: [0..1]

Definition: Detailed amounts associated with the total amount of transaction.

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount15" on page 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

27.4.2.1.3.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

27.4.2.1.3.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

27.4.2.1.3.23.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

27.4.2.1.3.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

27.4.2.1.3.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1500
	Conversion <Convs>	[0..1]			1500
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1502
	TargetCurrency <TrgtCcy>	[1..1]			1502
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1503
	ExchangeRate <XchgRate>	[1..1]	Rate		1503
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1503
	QuotationDate <QtnDt>	[0..1]	DateTime		1503
	ValidFrom <VldFr>	[0..1]	DateTime		1503
	ValidUntil <VldUntil>	[0..1]	DateTime		1503
	SourceCurrency <SrcCcy>	[1..1]			1503
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504
	Name <Nm>	[0..1]	Text		1504
	ApplicableBinRange <AplblBinRg>	[0..*]			1504
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505
	OriginalAmount <OrgnlAmt>	[0..1]			1505
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505
	CommissionDetails <ComssnDtls>	[0..*]			1506
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	MarkUpDetails <MrkUpDtls>	[0..*]			1506

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1506

27.4.2.1.3.23.13.1 AcceptedByCardholder <AcceptdByCrdhldr>

Presence: [0..1]

Definition: True if the cardholder has accepted the currency conversion that the acquirer has proposed.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.1.3.23.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1502
	TargetCurrency <TrgtCcy>	[1..1]			1502
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502
	ResultingAmount <RsltAmt>	[0..1]	Amount		1503
	ExchangeRate <XchgRate>	[1..1]	Rate		1503
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		1503
	QuotationDate <QtnDt>	[0..1]	DateTime		1503
	ValidFrom <VldFr>	[0..1]	DateTime		1503
	ValidUntil <VldUntil>	[0..1]	DateTime		1503
	SourceCurrency <SrcCcy>	[1..1]			1503
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504
	Name <Nm>	[0..1]	Text		1504
	ApplicableBinRange <AplblBinRg>	[0..*]			1504
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505
	OriginalAmount <OrgnlAmt>	[0..1]			1505
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505
	CommissionDetails <ComssnDtls>	[0..*]			1506
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	MarkUpDetails <MrkUpDtls>	[0..*]			1506
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506
	DeclarationDetails <DclrtDtls>	[0..*]	±		1506

27.4.2.1.3.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.23.13.2.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1502
	NumericCode <NmrcCd>	[1..1]	Text		1502
	Decimal <Dcml>	[1..1]	Quantity		1502
	Name <Nm>	[0..1]	Text		1502

27.4.2.1.3.23.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.1.3.23.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

27.4.2.1.3.23.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

27.4.2.1.3.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.13.2.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2378

27.4.2.1.3.23.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2378

27.4.2.1.3.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

27.4.2.1.3.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

27.4.2.1.3.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

27.4.2.1.3.23.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1504
	NumericCode <NmrcCd>	[0..1]	Text		1504
	Decimal <Dcml>	[0..1]	Quantity		1504
	Name <Nm>	[0..1]	Text		1504

27.4.2.1.3.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.1.3.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

27.4.2.1.3.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

27.4.2.1.3.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.23.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1505
	HigherBin <HghrBin>	[1..1]	Text		1505

27.4.2.1.3.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

27.4.2.1.3.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

27.4.2.1.3.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1505
	MinimumAmount <MinAmt>	[0..1]	Amount		1505
	MaximumAmount <MaxAmt>	[0..1]	Amount		1505

27.4.2.1.3.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506

27.4.2.1.3.23.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

27.4.2.1.3.23.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1506
	AdditionalInformation <AddtlInf>	[0..1]	Text		1506

27.4.2.1.3.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

27.4.2.1.3.23.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

27.4.2.1.3.23.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

27.4.2.1.3.23.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

27.4.2.1.3.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

27.4.2.1.3.23.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

27.4.2.1.3.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

27.4.2.1.3.23.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

27.4.2.1.3.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

27.4.2.1.3.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

27.4.2.1.3.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

27.4.2.1.3.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.1.3.23.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1511
	Value <Val>	[0..1]	Binary		1511
	ProtectedValue <PrtctdVal>	[0..1]	±		1511
	Type <Tp>	[0..1]	Text		1512

27.4.2.1.3.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

27.4.2.1.3.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

27.4.2.1.3.23.24.3 ProtectedValue <PrtctdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.1.3.23.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "Max1025Text" on page 2379

27.4.2.1.3.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2313

27.4.2.1.3.24 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1512
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1513
	Response <Rspn>	[1..1]	CodeSet		1513
	ResponseReason <RspnRsn>	[0..1]	Text		1513
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1514
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1514

27.4.2.1.3.24.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "GenericIdentification90" on page 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

27.4.2.1.3.24.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1513
	ResponseReason <RspnRsn>	[0..1]	Text		1513
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1514

27.4.2.1.3.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

27.4.2.1.3.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

27.4.2.1.3.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

27.4.2.1.3.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2384

27.4.2.1.3.26 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Information relevant to the account where the money is taken from.

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1515
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1516
	AccountName <AcctNm>	[0..1]	Text		1516
	AccountOwner <AcctOwnr>	[0..1]			1517
	Name <Nm>	[1..1]	Text		1517
	Address <Adr>	[1..1]	±		1517
	Currency <Ccy>	[0..1]	CodeSet	C1	1517
	AccountIdentifier <AcctIdr>	[0..1]			1518
{Or	Card <Card>	[1..1]	Text		1518
Or	MSISDN <MSISDN>	[1..1]	Text		1518
Or	EMail <EMail>	[1..1]	Text		1518
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1518
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1519
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1519
Or	Domestic <Dmst>	[1..1]	Text		1519
Or}	Other <Othr>	[1..1]	Text		1519
	Servicer <Svcr>	[0..1]			1519
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1520
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1520

27.4.2.1.3.26.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

27.4.2.1.3.26.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

27.4.2.1.3.26.3 AccountName <AcctNm>

Presence: [0..1]

Definition: Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

Datatype: "Max70Text" on page 2384

27.4.2.1.3.26.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

AccountOwner <AcctOwnr> contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1517
	Address <Adr>	[1..1]	±		1517

27.4.2.1.3.26.4.1 Name <Nm>

Presence: [1..1]

Definition: Name by which a party is known and is usually used to identify that identity.

Datatype: "Max70Text" on page 2384

27.4.2.1.3.26.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

27.4.2.1.3.26.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.1.3.26.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

Definition: Unique identifier of the account, as assigned by the account servicer.

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1518
Or	MSISDN <MSISDN>	[1..1]	Text		1518
Or	EEmail <EEmail>	[1..1]	Text		1518
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1518
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1519
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1519
Or	Domestic <Dmst>	[1..1]	Text		1519
Or}	Other <Othr>	[1..1]	Text		1519

27.4.2.1.3.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

27.4.2.1.3.26.6.2 MSISDN <MSISDN>

Presence: [1..1]

Definition: Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

Datatype: "Max16Text" on page 2380

27.4.2.1.3.26.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

27.4.2.1.3.26.6.4 IBAN <IBAN>

Presence: [1..1]

Definition: International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

27.4.2.1.3.26.6.5 BBAN <BBAN>

Presence: [1..1]

Definition: Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

Datatype: "BBANIdentifier" on page 2375

27.4.2.1.3.26.6.6 UPIC <UPIC>

Presence: [1..1]

Definition: Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

Datatype: "UPICIdentifier" on page 2376

27.4.2.1.3.26.6.7 Domestic <Dmst>

Presence: [1..1]

Definition: Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.26.7 Servicer <Svcr>

Presence: [0..1]

Definition: Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

Servicer <Svcr> contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1520
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1520

27.4.2.1.3.26.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

27.4.2.1.3.26.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

Definition: Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

ProprietaryIdentification <PrtryId> contains the following elements (see "[GenericIdentification1](#)" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

27.4.2.1.3.27 AccountTo <AcctTo>

Presence: [0..1]

Definition: Information relevant to the account where the money is put.

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1521
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1522
	AccountName <AcctNm>	[0..1]	Text		1522
	AccountOwner <AcctOwnr>	[0..1]			1523
	Name <Nm>	[1..1]	Text		1523
	Address <Adr>	[1..1]	±		1523
	Currency <Ccy>	[0..1]	CodeSet	C1	1523
	AccountIdentifier <AcctIdr>	[0..1]			1524
{Or	Card <Card>	[1..1]	Text		1524
Or	MSISDN <MSISDN>	[1..1]	Text		1524
Or	EMail <EMail>	[1..1]	Text		1524
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1524
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1525
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1525
Or	Domestic <Dmst>	[1..1]	Text		1525
Or}	Other <Othr>	[1..1]	Text		1525
	Servicer <Svcr>	[0..1]			1525
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1526
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1526

27.4.2.1.3.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

27.4.2.1.3.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

27.4.2.1.3.27.3 AccountName <AcctNm>

Presence: [0..1]

Definition: Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

Datatype: "Max70Text" on page 2384

27.4.2.1.3.27.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

AccountOwner <AcctOwnr> contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1523
	Address <Adr>	[1..1]	±		1523

27.4.2.1.3.27.4.1 Name <Nm>

Presence: [1..1]

Definition: Name by which a party is known and is usually used to identify that identity.

Datatype: "Max70Text" on page 2384

27.4.2.1.3.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

27.4.2.1.3.27.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.1.3.27.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

Definition: Unique identifier of the account, as assigned by the account servicer.

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1524
Or	MSISDN <MSISDN>	[1..1]	Text		1524
Or	EEmail <EEmail>	[1..1]	Text		1524
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1524
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1525
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1525
Or	Domestic <Dmst>	[1..1]	Text		1525
Or}	Other <Othr>	[1..1]	Text		1525

27.4.2.1.3.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

27.4.2.1.3.27.6.2 MSISDN <MSISDN>

Presence: [1..1]

Definition: Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

Datatype: "Max16Text" on page 2380

27.4.2.1.3.27.6.3 EEmail <EEmail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

27.4.2.1.3.27.6.4 IBAN <IBAN>

Presence: [1..1]

Definition: International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

27.4.2.1.3.27.6.5 BBAN <BBAN>

Presence: [1..1]

Definition: Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

Datatype: "BBANIdentifier" on page 2375

27.4.2.1.3.27.6.6 UPIC <UPIC>

Presence: [1..1]

Definition: Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

Datatype: "UPICIdentifier" on page 2376

27.4.2.1.3.27.6.7 Domestic <Dmst>

Presence: [1..1]

Definition: Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

27.4.2.1.3.27.7 Servicer <Svcr>

Presence: [0..1]

Definition: Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

Servicer <Svcr> contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1526
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1526

27.4.2.1.3.27.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

27.4.2.1.3.27.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

Definition: Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

ProprietaryIdentification <PrtryId> contains the following elements (see "GenericIdentification1" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

27.4.2.1.3.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

27.4.2.1.4 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information incorporated as an extension to the message.

Impacted by: C12 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

27.4.2.2 CancellationAdvice <CxlAdv>

Presence: [0..1]

Definition: Information related to the cancellation advice.

CancellationAdvice <CxIAdv> contains the following **AcceptorCancellationAdvice14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1531
	Context <Cntxt>	[0..1]		C10	1537
	PaymentContext <PmtCntxt>	[0..1]			1540
	CardPresent <CardPres>	[0..1]	Indicator		1540
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1540
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1541
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1541
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1541
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1541
	BusinessArea <BizArea>	[0..1]	CodeSet		1542
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1542
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1542
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1543
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1543
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1544
	SaleContext <SaleCntxt>	[0..1]			1544
	SaleIdentification <SaleId>	[0..1]	Text		1545
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1545
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1546
	CashierIdentification <CshrlId>	[0..1]	Text		1546
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1546
	ShiftNumber <ShftNb>	[0..1]	Text		1546
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1546
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1546
	InvoiceNumber <InvNb>	[0..1]	Text		1546
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1547
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1547
	CommonName <CmonNm>	[1..1]	Text		1547
	Address <Adr>	[0..1]	Text		1547
	CountryCode <CtryCd>	[1..1]	CodeSet		1547
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1547

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1547
	SplitPayment <SpltPmt>	[0..1]	Indicator		1548
	RemainingAmount <RmngAmt>	[0..1]	Amount		1548
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1548
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1548
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1548
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1549
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1549
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1549
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1550
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1550
	SystemToNotify <SysToNtfy>	[0..1]	Text		1550
	Debtor <Dbtr>	[0..1]	±		1551
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1552
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1554
	Debtor <Dbtr>	[0..1]	±		1555
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1556
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1557
	Creditor <Cdtr>	[0..1]	±		1557
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1558
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1559
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1559
	MandateIdentification <MndtId>	[1..1]	Text		1560
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1560
	MandateImage <MndtImg>	[0..1]	Binary		1560
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1560
	Transaction <Tx>	[1..1]			1560

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1562
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1562
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1562
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1562
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1562
	TransactionIdentification <TxId>	[1..1]	±		1562
	OriginalTransaction <OrgnlTx>	[0..1]	±		1563
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1563
	Reversal <Rvsl>	[0..1]	Indicator		1564
	FailureReason <FailrRsn>	[0..*]	CodeSet		1564
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1565
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1565
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1565
	InterchangeData <IntrchnngData>	[0..1]	Text		1565
	TransactionDetails <TxDtls>	[1..1]			1565
	Currency <Ccy>	[0..1]	CodeSet	C1	1565
	TotalAmount <TtlAmt>	[1..1]	Amount		1566
	ValidityDate <VldtyDt>	[0..1]	Date		1566
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1566
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1566
	AuthorisationResult <AuthstnRslt>	[0..1]			1566
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1567
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1567
	Response <Rspn>	[1..1]	CodeSet		1568
	ResponseReason <RspnRsn>	[0..1]	Text		1568
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1568
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1568
	TMSTrigger <TMSTrggr>	[0..1]			1568
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1568
	TMSIdentification <TMSId>	[0..1]	Text		1569
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1569

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1569

27.4.2.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Context in which the transaction is performed (payment and sale).

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1540
	CardPresent <CardPres>	[0..1]	Indicator		1540
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1540
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1541
	AttendanceContext <AtndncCntxt>	[0..1]	CodeSet		1541
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1541
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1541
	BusinessArea <BizArea>	[0..1]	CodeSet		1542
	AttendantMessageCapable <AtndntMsgCpbl>	[0..1]	Indicator		1542
	AttendantLanguage <AtndntLang>	[0..1]	CodeSet	C13	1542
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1543
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1543
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1544
	SaleContext <SaleCntxt>	[0..1]			1544
	SaleIdentification <SaleId>	[0..1]	Text		1545
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1545
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1546
	CashierIdentification <CshrId>	[0..1]	Text		1546
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1546
	ShiftNumber <ShftNb>	[0..1]	Text		1546
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1546
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1546
	InvoiceNumber <InvNb>	[0..1]	Text		1546
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1547
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1547
	CommonName <CmonNm>	[1..1]	Text		1547
	Address <Adr>	[0..1]	Text		1547
	CountryCode <CtryCd>	[1..1]	CodeSet		1547
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1547
	RegisteredIdentifier <Regldr>	[1..1]	Text		1547
	SplitPayment <SpltPmt>	[0..1]	Indicator		1548

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1548
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1548
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1548
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1548
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1549
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1549
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1549
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1550
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1550
	SystemToNotify <SysToNtfy>	[0..1]	Text		1550
	Debtor <Dbtr>	[0..1]	±		1551
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1552
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1553
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1554
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1554
	Debtor <Dbtr>	[0..1]	±		1555
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1556
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1557
	Creditor <Cdtr>	[0..1]	±		1557
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1558
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1559
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1559
	MandateIdentification <Mndtld>	[1..1]	Text		1560
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1560
	MandateImage <Mndtlmg>	[0..1]	Binary		1560
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1560

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.2.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1540
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1540
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1541
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1541
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1541
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1541
	BusinessArea <BizArea>	[0..1]	CodeSet		1542
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1542
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1542
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1543
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1543
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1544

27.4.2.2.2.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

27.4.2.2.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

27.4.2.2.1.6 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 2370

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.

CodeName	Name	Definition
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

27.4.2.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

27.4.2.2.1.8 AttendantMessageCapable <AttdntMsgCpbl>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.1.9 AttendantLanguage <AttdntLang>

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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.4.2.2.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

27.4.2.2.2.1.11 FallbackIndicator <FllbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

27.4.2.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

27.4.2.2.2 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		1545
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1545
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1546
	CashierIdentification <CshrId>	[0..1]	Text		1546
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1546
	ShiftNumber <ShftNb>	[0..1]	Text		1546
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1546
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1546
	InvoiceNumber <InvcNb>	[0..1]	Text		1546
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1547
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1547
	CommonName <CmonNm>	[1..1]	Text		1547
	Address <Adr>	[0..1]	Text		1547
	CountryCode <CtryCd>	[1..1]	CodeSet		1547
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1547
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1547
	SplitPayment <Spltpmt>	[0..1]	Indicator		1548
	RemainingAmount <RmngAmt>	[0..1]	Amount		1548
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1548
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1548
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1548
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1549
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1549

27.4.2.2.2.1 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 2382

27.4.2.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.4.2.2.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

27.4.2.2.2.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.2.11 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		1547
	Address <Adr>	[0..1]	Text		1547
	CountryCode <CtryCd>	[1..1]	CodeSet		1547
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1547
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1547

27.4.2.2.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

27.4.2.2.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

27.4.2.2.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

27.4.2.2.2.2.11.4 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 2385

27.4.2.2.2.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.2.13 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 2313

27.4.2.2.2.14 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

27.4.2.2.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

27.4.2.2.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

27.4.2.2.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1550
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1550
	SystemToNotify <SysToNtfy>	[0..1]	Text		1550
	Debtor <Dbtr>	[0..1]	±		1551
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1552
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1552
	Creditor <Cdtr>	[0..1]	±		1552
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1553
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1554

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.2.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

27.4.2.2.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

27.4.2.2.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.2.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

27.4.2.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.2.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1555
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1556
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1557
	Creditor <Cdtr>	[0..1]	±		1557
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1558
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1559
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1559
	MandateIdentification <MndtId>	[1..1]	Text		1560
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1560
	MandateImage <MndtImg>	[0..1]	Binary		1560
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1560

27.4.2.2.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.2.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

27.4.2.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

27.4.2.2.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.2.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1560
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1560
	MandateImage <MndtImg>	[0..1]	Binary		1560
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1560

27.4.2.2.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

27.4.2.2.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

27.4.2.2.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

27.4.2.2.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction143** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1562
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1562
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1562
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1562
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1562
	TransactionIdentification <TxId>	[1..1]	±		1562
	OriginalTransaction <OrgnlTx>	[0..1]	±		1563
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1563
	Reversal <Rvs/ >	[0..1]	Indicator		1564
	FailureReason <FailrRsn>	[0..*]	CodeSet		1564
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1565
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1565
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1565
	InterchangeData <IntrchnngData>	[0..1]	Text		1565
	TransactionDetails <TxDtls>	[1..1]			1565
	Currency <Ccy>	[0..1]	CodeSet	C1	1565
	TotalAmount <TtlAmt>	[1..1]	Amount		1566
	ValidityDate <VldtyDt>	[0..1]	Date		1566
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1566
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1566
	AuthorisationResult <AuthstnRslt>	[0..1]			1566
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1567
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1567
	Response <Rspn>	[1..1]	CodeSet		1568
	ResponseReason <RspnRsn>	[0..1]	Text		1568
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1568
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1568
	TMSTrigger <TMSTrggr>	[0..1]			1568
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1568
	TMSIdentification <TMSId>	[0..1]	Text		1569
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1569

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1569

27.4.2.2.3.1 MerchantCategoryCode <MrchntCtgyCd>

Presence: [1..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: "Min3Max4Text" on page 2385

27.4.2.2.3.2 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: This enables retailers, if they so wish, to clearly indicate whether the consent of the customer was explicitly obtained for a given service instead of being implicitly derived.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.3.3 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: The card programme proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "Max35Text" on page 2382

27.4.2.2.3.4 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: The card programme actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "Max35Text" on page 2382

27.4.2.2.3.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

27.4.2.2.3.6 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction assigned by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see ["TransactionIdentifier1"](#) on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

27.4.2.2.3.7 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see ["CardPaymentTransaction138"](#) on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIId>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

27.4.2.2.3.8 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.3.9 Reversal <Rvsl>

Presence: [0..1]

Definition: Notify that a previous transaction has to be reversed if this original transaction has been approved by the acquirer.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.3.10 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: ["FailureReason3Code"](#) on page 2344

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

27.4.2.2.3.11 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

27.4.2.2.3.12 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "Max140Text" on page 2380

27.4.2.2.3.13 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

Datatype: "Max35Text" on page 2382

27.4.2.2.3.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

27.4.2.2.3.15 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtls> contains the following **CardPaymentTransactionDetails50** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1565
	TotalAmount <TtlAmt>	[1..1]	Amount		1566
	ValidityDate <VldtyDt>	[0..1]	Date		1566
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1566
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1566

27.4.2.2.3.15.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.2.3.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.2.3.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

27.4.2.2.3.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2313

27.4.2.2.3.15.5 KeepAuthorisationOpen <KeepAuthstnOpn>

Presence: [0..1]

Definition: This transaction is cancelled but the authorisation is not reversed.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.2.3.16 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1567
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1567
	Response <Rspn>	[1..1]	CodeSet		1568
	ResponseReason <RspnRsn>	[0..1]	Text		1568
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1568
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1568
	TMSTrigger <TMSTrggr>	[0..1]			1568
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1568
	TMSIdentification <TMSId>	[0..1]	Text		1569
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1569

27.4.2.2.3.16.1 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Type of party that has delivered or declined the card payment authorisation (the party is not identified).

AuthorisationEntity <AuthstnNtty> contains the following elements (see "[GenericIdentification90](#)" on page 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

27.4.2.2.3.16.2 ResponseToAuthorisation <RspnToAuthstn>

Presence: [1..1]

Definition: Response to an authorisation request.

ResponseToAuthorisation <RspnToAuthstn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1568
	ResponseReason <RspnRsn>	[0..1]	Text		1568
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1568

27.4.2.2.3.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

27.4.2.2.3.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

27.4.2.2.3.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

27.4.2.2.3.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

27.4.2.2.3.16.4 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Acquirer has requested a contact to the maintenance host.

TMSTrigger <TMSTrggr> contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1568
	TMSIdentification <TMSId>	[0..1]	Text		1569
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1569

27.4.2.2.3.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

27.4.2.2.3.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 2382

27.4.2.2.3.16.4.3 TMSContactDateTime <TMSctctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

27.4.2.2.3.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

27.4.2.3 BatchTransfer <BtchTrf>

Presence: [0..1]

Definition: Card payment transactions from one or several data set of transactions.

BatchTransfer <BtchTrf> contains the following **CardPaymentBatchTransfer13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			1573
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1573
	CardBrand <CardBrnd>	[0..1]	Text		1573
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1574
	Currency <Ccy>	[0..1]	CodeSet	C1	1574
	Type <Tp>	[1..1]	CodeSet		1574
	TotalNumber <TtlNb>	[1..1]	Quantity		1574
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1574
	DataSet <DataSet>	[0..*]			1575
	DataSetIdentification <DataSetId>	[1..1]			1579
	Name <Nm>	[1..1]	Text		1579
	Type <Tp>	[1..1]	CodeSet		1579
	Version <Vrsn>	[0..1]	Text		1580
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1580
	Traceability <Tracblt>	[0..*]	±		1580
	DataSetInitiator <DataSetInitr>	[0..1]	±		1580
	TransactionTotals <TxTtls>	[1..*]			1581
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1581
	CardBrand <CardBrnd>	[0..1]	Text		1581
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1581
	Currency <Ccy>	[0..1]	CodeSet	C1	1581
	Type <Tp>	[1..1]	CodeSet		1582
	TotalNumber <TtlNb>	[1..1]	Quantity		1582
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1582
	CommonData <CmonData>	[0..1]			1582
	Environment <Envt>	[0..1]	±	C9	1585
	Context <Cntxt>	[0..1]		C10	1591
	PaymentContext <PmtCntxt>	[0..1]			1594
	CardPresent <CardPres>	[0..1]	Indicator		1594
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1594
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1595
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1595
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1595
	BusinessArea <BizArea>	[0..1]	CodeSet		1596
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1596
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1596
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1597
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1597
	SupportedOption <Spprt<Optn>	[0..*]	CodeSet		1598
	SaleContext <SaleCntxt>	[0..1]			1598
	SaleIdentification <SaleId>	[0..1]	Text		1599
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1599
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1600
	CashierIdentification <CshrlId>	[0..1]	Text		1600
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1600
	ShiftNumber <ShftNb>	[0..1]	Text		1600
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1600
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1600
	InvoiceNumber <InvNb>	[0..1]	Text		1600
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1601
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1601
	CommonName <CmonNm>	[1..1]	Text		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1601
	SplitPayment <Spl<Pmt>	[0..1]	Indicator		1602
	RemainingAmount <RmngAmt>	[0..1]	Amount		1602
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1602
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1602
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1603
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1603
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1603
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1604
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1604
	SystemToNotify <SysToNtfy>	[0..1]	Text		1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1606
	Creditor <Cdtr>	[0..1]	±		1606
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1607
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1608
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1608
	Debtor <Dbtr>	[0..1]	±		1609
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1610
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1611
	Creditor <Cdtr>	[0..1]	±		1611
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1612
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1613
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1613
	MandateIdentification <MndtId>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <MndtImg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1614
	TransactionType <TxTp>	[0..1]	CodeSet		1614
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1615
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1616
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1616
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1616
	Currency <Ccy>	[0..1]	CodeSet	C1	1617
	Transaction <Tx>	[1..*]			1617

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		1617
Or	Cancellation <Cxl>	[1..1]	±		1624
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1628
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1635
Or	TokenRequest <TknReq>	[1..1]			1640
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1640
	Environment <Envt>	[1..1]	±	C9	1640
Or}	TokenResponse <TknRspn>	[1..1]			1646
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1646
	Environment <Envt>	[1..1]	±	C9	1647

27.4.2.3.1 TransactionTotals <TxTtls>

Presence: [0..*]

Definition: Totals of transactions of all the data sets.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1573
	CardBrand <CardBrnd>	[0..1]	Text		1573
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1574
	Currency <Ccy>	[0..1]	CodeSet	C1	1574
	Type <Tp>	[1..1]	CodeSet		1574
	TotalNumber <TtlNb>	[1..1]	Quantity		1574
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1574

27.4.2.3.1.1 POIGroupIdentification <POIGrpId>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2382

27.4.2.3.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

27.4.2.3.1.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2382

27.4.2.3.1.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.3.1.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 2371

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

27.4.2.3.1.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2377

27.4.2.3.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.3.2 DataSet <DataSet>

Presence: [0..*]

Definition: Card payment transactions from one data set of transactions.

DataSet <DataSet> contains the following **CardPaymentDataSet40** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			1579
	Name <Nm>	[1..1]	Text		1579
	Type <Tp>	[1..1]	CodeSet		1579
	Version <Vrsn>	[0..1]	Text		1580
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1580
	Traceability <Tracblt>	[0..*]	±		1580
	DataSetInitiator <DataSetInitr>	[0..1]	±		1580
	TransactionTotals <TxTtls>	[1..*]			1581
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1581
	CardBrand <CardBrnd>	[0..1]	Text		1581
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1581
	Currency <Ccy>	[0..1]	CodeSet	C1	1581
	Type <Tp>	[1..1]	CodeSet		1582
	TotalNumber <TtlNb>	[1..1]	Quantity		1582
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1582
	CommonData <CmonData>	[0..1]			1582
	Environment <Envnt>	[0..1]	±	C9	1585
	Context <Cntxt>	[0..1]		C10	1591
	PaymentContext <PmtCntxt>	[0..1]			1594
	CardPresent <CardPres>	[0..1]	Indicator		1594
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1594
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1595
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1595
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1595
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1595
	BusinessArea <BizArea>	[0..1]	CodeSet		1596
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1596
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1596
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1597
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1597
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1598

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleContext <SaleCntxt>	[0..1]			1598
	SaleIdentification <SaleId>	[0..1]	Text		1599
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1599
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1600
	CashierIdentification <CshrlId>	[0..1]	Text		1600
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1600
	ShiftNumber <ShftNb>	[0..1]	Text		1600
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1600
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1600
	InvoiceNumber <InvcNb>	[0..1]	Text		1600
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1601
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1601
	CommonName <CmonNm>	[1..1]	Text		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1601
	SplitPayment <Spltpmt>	[0..1]	Indicator		1602
	RemainingAmount <RmngAmt>	[0..1]	Amount		1602
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1602
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1602
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1602
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1603
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1603
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1603
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1604
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1604
	SystemToNotify <SysToNtfy>	[0..1]	Text		1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1606

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Creditor <Cdtr>	[0..1]	±		1606
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1607
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1608
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1608
	Debtor <Dbtr>	[0..1]	±		1609
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1610
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1611
	Creditor <Cdtr>	[0..1]	±		1611
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1612
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1613
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1613
	MandateIdentification <MndtId>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <MndtImg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1614
	TransactionType <TxTp>	[0..1]	CodeSet		1614
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1615
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1616
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1616
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1616
	Currency <Ccy>	[0..1]	CodeSet	C1	1617
	Transaction <Tx>	[1..*]			1617
{Or	Completion <Cmpltn>	[1..1]	±		1617
Or	Cancellation <Cxl>	[1..1]	±		1624
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1628
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1635
Or	TokenRequest <TknReq>	[1..1]			1640
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1640
	Environment <Envt>	[1..1]	±	C9	1640
Or}	TokenResponse <TknRspn>	[1..1]			1646
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1646

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C9	1647

27.4.2.3.2.1 DataSetIdentification <DataSetId>

Presence: [1..1]

Definition: Identification of the data set.

DataSetIdentification <DataSetId> contains the following **DataSetIdentification5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1579
	Type <Tp>	[1..1]	CodeSet		1579
	Version <Vrsn>	[0..1]	Text		1580
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1580

27.4.2.3.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2381

27.4.2.3.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2340

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.

27.4.2.3.2.1.3 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data set.

Datatype: "Max256Text" on page 2381

27.4.2.3.2.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time of creation of the data set.

Datatype: "ISODateTime" on page 2374

27.4.2.3.2.2 Traceability <Tracblt>

Presence: [0..*]

Definition: Identification of partners involved in the data set building.

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

27.4.2.3.2.3 DataSetInitiator <DataSetInitr>

Presence: [0..1]

Definition: Initiator of the data set.

DataSetInitiator <DataSetInitr> contains the following elements (see "GenericIdentification176" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

27.4.2.3.2.4 TransactionTotals <TxTtls>

Presence: [1..*]

Definition: Transaction totals of the data set.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupldIdentification <POIGrpld>	[0..1]	Text		1581
	CardBrand <CardBrnd>	[0..1]	Text		1581
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1581
	Currency <Ccy>	[0..1]	CodeSet	C1	1581
	Type <Tp>	[1..1]	CodeSet		1582
	TotalNumber <TtlNb>	[1..1]	Quantity		1582
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1582

27.4.2.3.2.4.1 POIGroupldIdentification <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 2382

27.4.2.3.2.4.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.4.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.4.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.3.2.4.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 2371

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

27.4.2.3.2.4.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2377

27.4.2.3.2.4.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

27.4.2.3.2.5 CommonData <CmonData>

Presence: [0..1]

Definition: Data common to all transactions of the data set.

CommonData <CmonData> contains the following **CommonData14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±	C9	1585
	Context <Cntxt>	[0..1]		C10	1591
	PaymentContext <PmtCntxt>	[0..1]			1594
	CardPresent <CardPres>	[0..1]	Indicator		1594
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1594
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1595
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1595
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1595
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1595
	BusinessArea <BizArea>	[0..1]	CodeSet		1596
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1596
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1596
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1597
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1597
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1598
	SaleContext <SaleCntxt>	[0..1]			1598
	SaleIdentification <SaleId>	[0..1]	Text		1599
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1599
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1600
	CashierIdentification <CshrId>	[0..1]	Text		1600
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1600
	ShiftNumber <ShftNb>	[0..1]	Text		1600
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1600
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1600
	InvoiceNumber <InvNb>	[0..1]	Text		1600
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1601
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1601
	CommonName <CmonNm>	[1..1]	Text		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RegisteredIdentifier <RegIdIdr>	[1..1]	Text		1601
	SplitPayment <SplitPmt>	[0..1]	Indicator		1602
	RemainingAmount <RmngAmt>	[0..1]	Amount		1602
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1602
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1602
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1602
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1603
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1603
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1603
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1604
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1604
	SystemToNotify <SysToNtfy>	[0..1]	Text		1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1606
	Creditor <Cdtr>	[0..1]	±		1606
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1607
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1608
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1608
	Debtor <Dbtr>	[0..1]	±		1609
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1610
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1611
	Creditor <Cdtr>	[0..1]	±		1611
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1612
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1613
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1613
	MandateIdentification <MndtId>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <MndtImg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1614
	TransactionType <TxTp>	[0..1]	CodeSet		1614

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1615
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1616
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1616
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1616
	Currency <Ccy>	[0..1]	CodeSet	C1	1617

27.4.2.3.2.5.1 Environment <Envt>

Presence: [0..1]

Definition: Data related to the environment of the transaction, common to a set of transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.3.2.5.2 Context <Cntxt>

Presence: [0..1]

Definition: Data related to the context of the transaction, common to a set of transaction.

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1594
	CardPresent <CardPres>	[0..1]	Indicator		1594
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1594
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1595
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1595
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1595
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1595
	BusinessArea <BizArea>	[0..1]	CodeSet		1596
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1596
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1596
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1597
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1597
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1598
	SaleContext <SaleCntxt>	[0..1]			1598
	SaleIdentification <SaleId>	[0..1]	Text		1599
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1599
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1600
	CashierIdentification <CshrId>	[0..1]	Text		1600
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1600
	ShiftNumber <ShftNb>	[0..1]	Text		1600
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1600
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1600
	InvoiceNumber <InvNb>	[0..1]	Text		1600
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1601
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1601
	CommonName <CmonNm>	[1..1]	Text		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601
	RegisteredIdentifier <Regldr>	[1..1]	Text		1601
	SplitPayment <SpltPmt>	[0..1]	Indicator		1602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1602
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1602
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1602
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1602
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1603
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1603
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1603
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1604
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1604
	SystemToNotify <SysToNtfy>	[0..1]	Text		1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1606
	Creditor <Cdtr>	[0..1]	±		1606
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1607
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1608
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1608
	Debtor <Dbtr>	[0..1]	±		1609
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1610
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1611
	Creditor <Cdtr>	[0..1]	±		1611
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1612
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1613
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1613
	MandateIdentification <Mndtld>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <Mndtlmg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrctcdMndtlmg>	[0..1]	±		1614

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.3.2.5.2.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1594
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1594
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1595
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1595
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1595
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1595
	BusinessArea <BizArea>	[0..1]	CodeSet		1596
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1596
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1596
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1597
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1597
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1598

27.4.2.3.2.5.2.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.1.4 AttendanceContext <AttnDncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

27.4.2.3.2.5.2.1.5 TransactionEnvironment <TxEnv>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

27.4.2.3.2.5.2.1.6 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 2370

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.

CodeName	Name	Definition
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

27.4.2.3.2.5.2.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

27.4.2.3.2.5.2.1.8 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.1.9 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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.4.2.3.2.5.2.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

27.4.2.3.2.5.2.1.11 FallbackIndicator <FilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

27.4.2.3.2.5.2.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

27.4.2.3.2.5.2.2 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		1599
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1599
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1600
	CashierIdentification <CshrId>	[0..1]	Text		1600
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1600
	ShiftNumber <ShftNb>	[0..1]	Text		1600
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1600
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1600
	InvoiceNumber <InvcNb>	[0..1]	Text		1600
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1601
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1601
	CommonName <CmonNm>	[1..1]	Text		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1601
	SplitPayment <SpltPmt>	[0..1]	Indicator		1602
	RemainingAmount <RmngAmt>	[0..1]	Amount		1602
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1602
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1602
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1602
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1603
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1603

27.4.2.3.2.5.2.2.1 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 2382

27.4.2.3.2.5.2.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.2.4 CashierIdentification <CshrId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

27.4.2.3.2.5.2.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

27.4.2.3.2.5.2.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.2.8 PurchaseOrderNumber <PurchsOrdRNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.2.9 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.2.11 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		1601
	Address <Adr>	[0..1]	Text		1601
	CountryCode <CtryCd>	[1..1]	CodeSet		1601
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1601
	RegisteredIdentifier <Regldr>	[1..1]	Text		1601

27.4.2.3.2.5.2.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

27.4.2.3.2.5.2.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

27.4.2.3.2.5.2.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

27.4.2.3.2.5.2.2.11.4 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 2385

27.4.2.3.2.5.2.2.11.5 RegisteredIdentifier <Regldr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.13 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 2313

27.4.2.3.2.5.2.14 ForceOnlineFlag <ForceOnInFlg>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

27.4.2.3.2.5.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

27.4.2.3.2.5.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

27.4.2.3.2.5.2.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1604
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1604
	SystemToNotify <SysToNtfy>	[0..1]	Text		1604
	Debtor <Dbtr>	[0..1]	±		1605
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1606
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1606
	Creditor <Cdtr>	[0..1]	±		1606
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1607
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1608

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.3.2.5.2.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

27.4.2.3.2.5.2.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

27.4.2.3.2.5.2.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.3.2.5.2.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

27.4.2.3.2.5.2.3.6 ProtectedDebtorAccount <PrctcdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrctcdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.3.2.5.2.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.3.2.5.2.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

27.4.2.3.2.5.2.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.3.2.5.2.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1609
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1610
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1611
	Creditor <Cdtr>	[0..1]	±		1611
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1612
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1613
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1613
	MandateIdentification <MndtId>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <MndtImg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1614

27.4.2.3.2.5.2.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.3.2.5.2.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
Or /Proxy Must be present

27.4.2.3.2.5.2.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.3.2.5.2.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

27.4.2.3.2.5.2.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

27.4.2.3.2.5.2.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.3.2.5.2.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1614
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1614
	MandateImage <MndtImg>	[0..1]	Binary		1614
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1614

27.4.2.3.2.5.2.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.2.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

27.4.2.3.2.5.2.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

27.4.2.3.2.5.2.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

27.4.2.3.2.5.3 TransactionType <TxTp>

Presence: [0..1]

Definition: Type of transaction being undertaken for the main service, common to a set of transaction.

Datatype: "CardPaymentServiceType12Code" on page 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

27.4.2.3.2.5.4 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

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.

27.4.2.3.2.5.5 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

27.4.2.3.2.5.6 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code conform to ISO 18245, related to the type of services or goods the merchant provides for the transaction.

Datatype: "Min3Max4Text" on page 2385

27.4.2.3.2.5.7 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

Datatype: "Max35Text" on page 2382

27.4.2.3.2.5.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the set of transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

27.4.2.3.2.6 Transaction <Tx>

Presence: [1..*]

Definition: Set of transaction to Process.

Transaction <Tx> contains one of the following **CardPaymentDataSetTransaction13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Completion <Cmpltn>	[1..1]	±		1617
Or	Cancellation <Cxl>	[1..1]	±		1624
Or	AuthorisationRequest <AuthstnReq>	[1..1]	±		1628
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	±		1635
Or	TokenRequest <TknReq>	[1..1]			1640
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1640
	Environment <Envt>	[1..1]	±	C9	1640
Or}	TokenResponse <TknRspn>	[1..1]			1646
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1646
	Environment <Envt>	[1..1]	±	C9	1647

27.4.2.3.2.6.1 Completion <Cmpltn>

Presence: [1..1]

Definition: Completed card payment transaction to be captured.

Completion <Cmpltn> contains the following elements (see "CardPaymentDataSetTransaction51" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1936
	Traceability <Tracblt>	[0..*]	±		1936
	Environment <Envt>	[1..1]	±	C9	1936
	Context <Cntxt>	[0..1]		C10	1942
	PaymentContext <PmtCntxt>	[0..1]			1945
	CardPresent <CardPres>	[0..1]	Indicator		1945
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1945
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1946
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1946
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1946
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1946
	BusinessArea <BizArea>	[0..1]	CodeSet		1947
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1947
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1947
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1948
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1948
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1949
	SaleContext <SaleCntxt>	[0..1]			1949
	SaleIdentification <SaleId>	[0..1]	Text		1950
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1950
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1951
	CashierIdentification <CshrId>	[0..1]	Text		1951
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1951
	ShiftNumber <ShftNb>	[0..1]	Text		1951
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1951
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1951
	InvoiceNumber <InvcNb>	[0..1]	Text		1951
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1952
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1952
	CommonName <CmonNm>	[1..1]	Text		1952

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1952
	CountryCode <CtryCd>	[1..1]	CodeSet		1952
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1952
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1952
	SplitPayment <SpltPmt>	[0..1]	Indicator		1953
	RemainingAmount <RmngAmt>	[0..1]	Amount		1953
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1953
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1953
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1953
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1954
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1954
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1954
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1955
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1955
	SystemToNotify <SysToNtfy>	[0..1]	Text		1955
	Debtor <Dbtr>	[0..1]	±		1956
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1957
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1957
	Creditor <Cdtr>	[0..1]	±		1957
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1958
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1959
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1959
	Debtor <Dbtr>	[0..1]	±		1960
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1961
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1962
	Creditor <Cdtr>	[0..1]	±		1962
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1963
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1964
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1964
	MandateIdentification <MndtId>	[1..1]	Text		1965
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1965

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1965
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1965
	Transaction <Tx>	[1..1]			1965
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1970
	TransactionType <TxTp>	[0..1]	CodeSet		1970
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1971
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1972
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1972
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1972
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1972
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1973
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1973
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1973
	TransactionIdentification <TxId>	[1..1]	±		1973
	OriginalTransaction <OrgnlTx>	[0..1]	±		1973
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1974
	Reversal <Rvsl>	[0..1]	Indicator		1974
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1975
	FailureReason <FailrRsn>	[0..*]	CodeSet		1975
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1976
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1976
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1976
	InterchangeData <IntrchnngData>	[0..1]	Text		1976
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1976
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1976
	TransactionDetails <TxDtls>	[1..1]			1976
	Currency <Ccy>	[0..1]	CodeSet	C1	1979
	TotalAmount <TtlAmt>	[1..1]	Amount		1979
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1979
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1979
	DetailedAmount <DtldAmt>	[0..1]	±		1979

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1980
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1980
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1980
	ValidityDate <VldtyDt>	[0..1]	Date		1980
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1980
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1981
	AccountType <AcctTp>	[0..1]	CodeSet		1981
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1982
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1984
	Conversion <Convs>	[0..1]			1984
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1986
	TargetCurrency <TrgtCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986
	ResultingAmount <RsltAmt>	[0..1]	Amount		1987
	ExchangeRate <XchgRate>	[1..1]	Rate		1987
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1987
	QuotationDate <QtnDt>	[0..1]	DateTime		1987
	ValidFrom <VldFr>	[0..1]	DateTime		1987
	ValidUntil <VldUntil>	[0..1]	DateTime		1987
	SourceCurrency <SrcCcy>	[1..1]			1987
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988
	Name <Nm>	[0..1]	Text		1988
	ApplicableBinRange <AplblBinRg>	[0..*]			1988
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989
	OriginalAmount <OrgnlAmt>	[0..1]			1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1989
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989
	CommissionDetails <ComssnDtls>	[0..*]			1990
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	MarkUpDetails <MrkUpDtls>	[0..*]			1990
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1990
	Instalment <Instlmt>	[0..*]	±		1991
	Recurring <Rcrng>	[0..1]	±		1992
	AggregationTransaction <AggtnTx>	[0..1]	±		1993
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1993
	SaleItem <Saleitm>	[0..*]	±		1993
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1994
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1994
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1994
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1994
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1995
	AdditionalInformation <AddtlInf>	[0..*]			1995
	Identification <Id>	[1..1]	Text		1995
	Value <Val>	[0..1]	Binary		1995
	ProtectedValue <PrctdVal>	[0..1]	±		1995
	Type <Tp>	[0..1]	Text		1996
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1996
	AuthorisationResult <AuthstnRslt>	[0..1]			1996
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1996
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1997
	Response <Rspn>	[1..1]	CodeSet		1997
	ResponseReason <RspnRsn>	[0..1]	Text		1997

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1998
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1998
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1998
	AccountFrom <AcctFr>	[0..1]			1998
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1999
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2000
	AccountName <AcctNm>	[0..1]	Text		2000
	AccountOwner <AcctOwnr>	[0..1]			2001
	Name <Nm>	[1..1]	Text		2001
	Address <Adr>	[1..1]	±		2001
	Currency <Ccy>	[0..1]	CodeSet	C1	2001
	AccountIdentifier <AcctIdr>	[0..1]			2002
{Or	Card <Card>	[1..1]	Text		2002
Or	MSISDN <MSISDN>	[1..1]	Text		2002
Or	EMail <EMail>	[1..1]	Text		2002
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2002
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2003
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2003
Or	Domestic <Dmst>	[1..1]	Text		2003
Or}	Other <Othr>	[1..1]	Text		2003
	Servicer <Svcr>	[0..1]			2003
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2004
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2004
	AccountTo <AcctTo>	[0..1]			2004
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2005
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2006
	AccountName <AcctNm>	[0..1]	Text		2006
	AccountOwner <AcctOwnr>	[0..1]			2007
	Name <Nm>	[1..1]	Text		2007
	Address <Adr>	[1..1]	±		2007
	Currency <Ccy>	[0..1]	CodeSet	C1	2007

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountIdentifier <AcctIdr>	[0..1]			2008
{Or	Card <Card>	[1..1]	Text		2008
Or	MSISDN <MSISDN>	[1..1]	Text		2008
Or	EMail <EMail>	[1..1]	Text		2008
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2008
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2009
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2009
Or	Domestic <Dmst>	[1..1]	Text		2009
Or}	Other <Othr>	[1..1]	Text		2009
	Servicer <Svcr>	[0..1]			2009
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2010
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2010
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2010

27.4.2.3.2.6.2 Cancellation <Cxl>

Presence: [1..1]

Definition: Cancelled card payment transaction to be captured.

Cancellation <Cxl> contains the following elements (see "[CardPaymentDataSetTransaction50](#)" on page 1887 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1891
	Traceability <Tracblt>	[0..*]	±		1891
	Environment <Envt>	[1..1]	±	C9	1891
	Context <Cntxt>	[0..1]		C10	1897
	PaymentContext <PmtCntxt>	[0..1]			1900
	CardPresent <CardPres>	[0..1]	Indicator		1900
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1900
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1901
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1901
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1901
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1901
	BusinessArea <BizArea>	[0..1]	CodeSet		1902
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1902
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1902
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1903
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1903
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1904
	SaleContext <SaleCntxt>	[0..1]			1904
	SaleIdentification <SaleId>	[0..1]	Text		1905
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1905
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1906
	CashierIdentification <CshrId>	[0..1]	Text		1906
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1906
	ShiftNumber <ShftNb>	[0..1]	Text		1906
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1906
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1906
	InvoiceNumber <InvcNb>	[0..1]	Text		1906
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1907
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1907
	CommonName <CmonNm>	[1..1]	Text		1907

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1907
	CountryCode <CtryCd>	[1..1]	CodeSet		1907
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1907
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1907
	SplitPayment <SpltPmt>	[0..1]	Indicator		1908
	RemainingAmount <RmngAmt>	[0..1]	Amount		1908
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1908
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1908
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1908
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1909
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1909
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1909
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1910
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1910
	SystemToNotify <SysToNtfy>	[0..1]	Text		1910
	Debtor <Dbtr>	[0..1]	±		1911
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1912
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1912
	Creditor <Cdtr>	[0..1]	±		1912
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1913
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1914
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1914
	Debtor <Dbtr>	[0..1]	±		1915
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1916
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1917
	Creditor <Cdtr>	[0..1]	±		1917
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1918
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1919
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1919
	MandateIdentification <MndtId>	[1..1]	Text		1920
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1920

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1920
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1920
	Transaction <Tx>	[1..1]			1920
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1922
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1922
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1922
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1922
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1922
	TransactionIdentification <TxId>	[1..1]	±		1922
	OriginalTransaction <OrgnlTx>	[0..1]	±		1923
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1923
	Reversal <Rvsl>	[0..1]	Indicator		1924
	FailureReason <FailrRsn>	[0..*]	CodeSet		1924
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1925
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1925
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1925
	InterchangeData <IntrchgngData>	[0..1]	Text		1925
	TransactionDetails <TxDtls>	[1..1]			1925
	Currency <Ccy>	[0..1]	CodeSet	C1	1925
	TotalAmount <TtlAmt>	[1..1]	Amount		1926
	ValidityDate <VldtyDt>	[0..1]	Date		1926
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1926
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1926
	AuthorisationResult <AuthstnRslt>	[0..1]			1926
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1927
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1927
	Response <Rspn>	[1..1]	CodeSet		1928
	ResponseReason <RspnRsn>	[0..1]	Text		1928
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1928
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1928
	TMSTrigger <TMSTrggr>	[0..1]			1928

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSctctLvl>	[1..1]	CodeSet		1928
	TMSIdentification <TMSId>	[0..1]	Text		1929
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		1929
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1929

27.4.2.3.2.6.3 AuthorisationRequest <AuthstnReq>

Presence: [1..1]

Definition: Card payment transaction including an authorisation request.

AuthorisationRequest <AuthstnReq> contains the following elements (see
"CardPaymentDataSetTransaction52" on page 1810 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1817
	Traceability <Tracblt>	[0..*]	±		1817
	Environment <Envt>	[1..1]	±	C9	1817
	Context <Cntxt>	[0..1]		C10	1823
	PaymentContext <PmtCntxt>	[0..1]			1826
	CardPresent <CardPres>	[0..1]	Indicator		1826
	CardholderPresent <CrhdlrPres>	[0..1]	Indicator		1826
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1827
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1827
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1827
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1827
	BusinessArea <BizArea>	[0..1]	CodeSet		1828
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1828
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1828
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1829
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1829
	SupportedOption <SpprtOptn>	[0..*]	CodeSet		1830
	SaleContext <SaleCntxt>	[0..1]			1830
	SaleIdentification <SaleId>	[0..1]	Text		1831
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1831
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1832
	CashierIdentification <CshrId>	[0..1]	Text		1832
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1832
	ShiftNumber <ShftNb>	[0..1]	Text		1832
	CustomerOrderRequestFlag <CstmrOrdRReqFlg>	[0..1]	Indicator		1832
	PurchaseOrderNumber <PurchsOrdRNb>	[0..1]	Text		1832
	InvoiceNumber <InvNb>	[0..1]	Text		1832
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1833
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1833
	CommonName <CmonNm>	[1..1]	Text		1833

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[0..1]	Text		1833
	CountryCode <CtryCd>	[1..1]	CodeSet		1833
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1833
	RegisteredIdentifier <RegIdr>	[1..1]	Text		1833
	SplitPayment <SpltPmt>	[0..1]	Indicator		1834
	RemainingAmount <RmngAmt>	[0..1]	Amount		1834
	ForceOnlineFlag <ForceOnInFlg>	[0..1]	Indicator		1834
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1834
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1834
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1835
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1835
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1835
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1836
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1836
	SystemToNotify <SysToNtfy>	[0..1]	Text		1836
	Debtor <Dbtr>	[0..1]	±		1837
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1838
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1838
	Creditor <Cdtr>	[0..1]	±		1838
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1839
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1840
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1840
	Debtor <Dbtr>	[0..1]	±		1841
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1842
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1843
	Creditor <Cdtr>	[0..1]	±		1843
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1844
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1845
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1845
	MandateIdentification <MndtId>	[1..1]	Text		1846
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1846

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateImage <MndtImg>	[0..1]	Binary		1846
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1846
	Transaction <Tx>	[1..1]			1846
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1850
	TransactionType <TxTp>	[0..1]	CodeSet		1851
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1851
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1852
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1853
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1853
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1853
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1853
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1853
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1853
	TransactionIdentification <TxId>	[1..1]	±		1854
	OriginalTransaction <OrgnlTx>	[0..1]	±		1854
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1854
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1855
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1855
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1855
	TransactionDetails <TxDtls>	[1..1]			1855
	Currency <Ccy>	[0..1]	CodeSet	C1	1858
	TotalAmount <TtlAmt>	[1..1]	Amount		1858
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1858
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1858
	DetailedAmount <DtldAmt>	[0..1]	±		1858
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1859
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1859
	InvoiceAmount <InvAmt>	[0..1]	Amount		1859
	ValidityDate <VldtyDt>	[0..1]	Date		1859
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1859
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1860

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		1860
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1861
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1863
	Conversion <Convs>	[0..1]			1863
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1865
	TargetCurrency <TrgtCcy>	[1..1]			1865
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	ResultingAmount <RsltAmt>	[0..1]	Amount		1866
	ExchangeRate <XchgRate>	[1..1]	Rate		1866
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1866
	QuotationDate <QtnDt>	[0..1]	DateTime		1866
	ValidFrom <VldFr>	[0..1]	DateTime		1866
	ValidUntil <VldUntil>	[0..1]	DateTime		1866
	SourceCurrency <SrcCcy>	[1..1]			1866
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867
	Name <Nm>	[0..1]	Text		1867
	ApplicableBinRange <AplblBinRg>	[0..*]			1867
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868
	OriginalAmount <OrgnlAmt>	[0..1]			1868
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868
	CommissionDetails <ComssnDtls>	[0..*]			1869
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarkupDetails <MrkUpDtls>	[0..*]			1869
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1869
	Instalment <Instlmt>	[0..*]	±		1870
	Recurring <Rcrng>	[0..1]	±		1871
	AggregationTransaction <AggtnTx>	[0..1]	±		1872
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1872
	SaleItem <Saleitm>	[0..*]	±		1872
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1873
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1873
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1873
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1873
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1874
	AdditionalInformation <AddtlInf>	[0..*]			1874
	Identification <Id>	[1..1]	Text		1874
	Value <Val>	[0..1]	Binary		1874
	ProtectedValue <PrtctdVal>	[0..1]	±		1874
	Type <Tp>	[0..1]	Text		1875
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1875
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1875
	AccountFrom <AcctFr>	[0..1]			1875
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1876
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1877
	AccountName <AcctNm>	[0..1]	Text		1877
	AccountOwner <AcctOwnr>	[0..1]			1878
	Name <Nm>	[1..1]	Text		1878
	Address <Adr>	[1..1]	±		1878
	Currency <Ccy>	[0..1]	CodeSet	C1	1878
	AccountIdentifier <AcctIdr>	[0..1]			1879
{Or	Card <Card>	[1..1]	Text		1879

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	MSISDN <MSISDN>	[1..1]	Text		1879
Or	EMail <EMail>	[1..1]	Text		1879
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1879
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1880
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1880
Or	Domestic <Dmst>	[1..1]	Text		1880
Or}	Other <Othr>	[1..1]	Text		1880
	Servicer <Svcr>	[0..1]			1880
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1881
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1881
	AccountTo <AcctTo>	[0..1]			1881
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1882
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1883
	AccountName <AcctNm>	[0..1]	Text		1883
	AccountOwner <AcctOwnr>	[0..1]			1884
	Name <Nm>	[1..1]	Text		1884
	Address <Adr>	[1..1]	±		1884
	Currency <Ccy>	[0..1]	CodeSet	C1	1884
	AccountIdentifier <AcctIdr>	[0..1]			1885
{Or	Card <Card>	[1..1]	Text		1885
Or	MSISDN <MSISDN>	[1..1]	Text		1885
Or	EMail <EMail>	[1..1]	Text		1885
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1885
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1886
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1886
Or	Domestic <Dmst>	[1..1]	Text		1886
Or}	Other <Othr>	[1..1]	Text		1886
	Servicer <Svcr>	[0..1]			1886
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1887
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1887
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1887

27.4.2.3.2.6.4 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Card payment transaction including an authorisation response.

AuthorisationResponse <AuthstnRspn> contains the following elements (see
"CardPaymentDataSetTransaction53" on page 1754 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1759
	Traceability <Tracblt>	[0..*]	±		1759
	Environment <Envt>	[1..1]	±	C9	1760
	Transaction <Tx>	[1..1]			1766
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1769
	TransactionIdentification <TxId>	[1..1]	±		1769
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1769
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1769
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1769
	InterchangeData <IntrchnngData>	[0..1]	Text		1770
	TransactionDetails <TxDtls>	[1..1]			1770
	Currency <Ccy>	[0..1]	CodeSet	C1	1773
	TotalAmount <TtlAmt>	[1..1]	Amount		1773
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1773
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1773
	DetailedAmount <DtldAmt>	[0..1]	±		1773
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1774
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1774
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1774
	ValidityDate <VldtyDt>	[0..1]	Date		1774
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1774
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1775
	AccountType <AcctTp>	[0..1]	CodeSet		1775
	CurrencyConversionResult <CcyConvrsRslt>	[0..1]			1776
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1778
	Conversion <Convrs>	[0..1]			1778
	CurrencyConversionIdentification <CcyConvrsId>	[0..1]	Text		1780
	TargetCurrency <TrgtCcy>	[1..1]			1780
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[1..1]	Quantity		1780
	Name <Nm>	[0..1]	Text		1780
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1781
	ExchangeRate <XchgRate>	[1..1]	Rate		1781
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1781
	QuotationDate <QtnDt>	[0..1]	DateTime		1781
	ValidFrom <VldFr>	[0..1]	DateTime		1781
	ValidUntil <VldUntil>	[0..1]	DateTime		1781
	SourceCurrency <SrcCcy>	[1..1]			1781
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782
	Name <Nm>	[0..1]	Text		1782
	ApplicableBinRange <AplblBinRg>	[0..*]			1782
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783
	OriginalAmount <OrgnlAmt>	[0..1]			1783
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783
	CommissionDetails <ComssnDtls>	[0..*]			1784
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	MarkUpDetails <MrkUpDtls>	[0..*]			1784
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1784
	Instalment <Instlmt>	[0..*]	±		1785
	Recurring <Rcrng>	[0..1]	±		1786
	AggregationTransaction <AggtnTx>	[0..1]	±		1787
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1787

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleItem <SaleItm>	[0..*]	±		1787
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1788
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1788
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1788
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1788
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1789
	AdditionalInformation <AddtlInf>	[0..*]			1789
	Identification <Id>	[1..1]	Text		1789
	Value <Val>	[0..1]	Binary		1789
	ProtectedValue <PrctcdVal>	[0..1]	±		1789
	Type <Tp>	[0..1]	Text		1790
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1790
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1790
	TransactionResponse <TxRspn>	[1..1]			1790
	AuthorisationResult <AuthstnRslt>	[1..1]			1793
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1793
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1794
	Response <Rspn>	[1..1]	CodeSet		1794
	ResponseReason <RspnRsn>	[0..1]	Text		1794
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1794
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1794
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1794
	TMSTrigger <TMSTrggr>	[0..1]			1795
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1795
	TMSIdentification <TMSId>	[0..1]	Text		1795
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1795
	AllowedProductCode <AllwdPdctCd>	[0..*]			1795
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1796

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1797
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1797
	AmountLimit <AmtLmt>	[0..1]	Amount		1797
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1797
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1797
	Balance <Bal>	[0..1]	±		1799
	ProtectedBalance <PrctdBal>	[0..1]	±		1799
	Action <Actn>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1801
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1803
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1805
	TargetCurrency <TrgtCcy>	[1..1]			1805
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1805
	NumericCode <NmrcCd>	[1..1]	Text		1805
	Decimal <Dcml>	[1..1]	Quantity		1805
	Name <Nm>	[0..1]	Text		1806
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1806
	ExchangeRate <XchgRate>	[1..1]	Rate		1806
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1806
	QuotationDate <QtnDt>	[0..1]	DateTime		1806
	ValidFrom <VldFr>	[0..1]	DateTime		1806
	ValidUntil <VldUntil>	[0..1]	DateTime		1806
	SourceCurrency <SrcCcy>	[1..1]			1806
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1807
	NumericCode <NmrcCd>	[0..1]	Text		1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Decimal <Dcml>	[0..1]	Quantity		1807
	Name <Nm>	[0..1]	Text		1807
	ApplicableBinRange <ApblBinRg>	[0..*]			1807
	LowerBin <LwrBin>	[1..1]	Text		1808
	HigherBin <HghrBin>	[1..1]	Text		1808
	OriginalAmount <OrgnlAmt>	[0..1]			1808
	ActualAmount <ActlAmt>	[0..1]	Amount		1808
	MinimumAmount <MinAmt>	[0..1]	Amount		1808
	MaximumAmount <MaxAmt>	[0..1]	Amount		1808
	CommissionDetails <ComssnDtls>	[0..*]			1809
	Amount <Amt>	[1..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	MarkUpDetails <MrkUpDtls>	[0..*]			1809
	Rate <Rate>	[1..1]	Rate		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1809

27.4.2.3.2.6.5 TokenRequest <TknReq>

Presence: [1..1]

Definition: Request for a token computation.

TokenRequest <TknReq> contains the following **TokenRequestComponent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1640
	Environment <Envt>	[1..1]	±	C9	1640

27.4.2.3.2.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 2384

27.4.2.3.2.6.5.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.2.3.2.6.6 TokenResponse <TknRspn>

Presence: [1..1]

Definition: Response to a token computation.

TokenResponse <TknRspn> contains the following **TokenRequestComponent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1646
	Environment <Env>	[1..1]	±	C9	1647

27.4.2.3.2.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Identification of an element in a sequence.

Datatype: "Max9NumericText" on page 2384

27.4.2.3.2.6.6.2 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

27.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on [page 2279](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2279
	AuthenticatedData <AuthntcdData>	[0..1]	±		2280
	SignedData <SgndData>	[0..1]	±		2281

28 caaa.027.001.02

AcquirerToAcceptorBatchFileExchangeV02

28.1 MessageDefinition Functionality

The AcquirerToAcceptorBatchFileExchange message is sent by an acquirer (or its agent) to the acceptor (or its agent), to send a batch of response.

Outline

The AcquirerToAcceptorBatchFileExchangeV02 MessageDefinition is composed of 4 MessageBuildingBlocks:

- A. Header
AcquirerToAcceptorBatchFileExchange message management information.
- B. BodyElement
Record of an exchange to an Acceptor.
- C. Response
Result of the processing of the request.
- D. SecurityTrailer
Trailer of the message containing a MAC or a signature.

28.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AcqrrToAccptrBtchFileXchg>	[1..1]			
	Header <Hdr>	[1..1]			1659
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1659
	FormatVersion <FrmtVrsn>	[1..1]	Text		1659
	ExchangeIdentification <XchgId>	[1..1]	Quantity		1659
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1659
	InitiatingParty <InitgPty>	[1..1]	±		1660
	RecipientParty <RcptPty>	[0..1]	±		1660
	BodyElement <BodyElmt>	[0..*]			1661
	CompletionAdviceResponse <CmpltnAdvRspn>	[0..1]			1665
	Environment <Envt>	[1..1]	±	C3	1665
	Transaction <Tx>	[1..1]			1671
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1672
	TransactionIdentification <TxId>	[1..1]	±		1672
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1672
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1672
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1672
	Response <Rspn>	[1..1]	CodeSet		1673
	TMSTrigger <TMSTrggr>	[0..1]			1673
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1673
	TMSIdentification <TMSId>	[0..1]	Text		1673
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1674
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1674
	CancellationResponse <CxlRspn>	[0..1]			1674
	Environment <Envt>	[1..1]	±	C3	1675
	Transaction <Tx>	[1..1]			1681
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1682
	TransactionIdentification <TxId>	[1..1]	±		1682
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1682
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1682

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1682
	Response <Rspn>	[1..1]	CodeSet		1683
	TMSTrigger <TMSTrggr>	[0..1]			1683
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1683
	TMSIdentification <TMSId>	[0..1]	Text		1683
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1684
	BatchTransferResponse <BtchTrfRspn>	[0..1]			1684
	TransactionTotals <TxTtls>	[0..*]			1687
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1687
	CardBrand <CardBrnd>	[0..1]	Text		1687
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1688
	Currency <Ccy>	[0..1]	CodeSet	C1	1688
	Type <Tp>	[1..1]	CodeSet		1688
	TotalNumber <TtlNb>	[1..1]	Quantity		1688
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1688
	DataSet <DataSet>	[0..*]			1689
	DataSetIdentification <DataSetId>	[1..1]			1692
	Name <Nm>	[1..1]	Text		1692
	Type <Tp>	[1..1]	CodeSet		1692
	Version <Vrsn>	[0..1]	Text		1693
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1693
	DataSetResult <DataSetRslt>	[1..1]			1693
	Response <Rspn>	[1..1]	CodeSet		1693
	ResponseReason <RspnRsn>	[0..1]	Text		1693
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1694
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1694
	DataSetInitiator <DataSetInitr>	[0..1]	±		1694
	TransactionTotals <TxTtls>	[1..*]			1694
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1695
	CardBrand <CardBrnd>	[0..1]	Text		1695
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1695

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1695
	Type <Tp>	[1..1]	CodeSet		1695
	TotalNumber <TtlNb>	[1..1]	Quantity		1696
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1696
	RejectedTransaction <RjctdTx>	[0..*]			1696
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1697
	TransactionResponse <TxRspn>	[1..1]			1697
	Response <Rspn>	[1..1]	CodeSet		1697
	ResponseReason <RspnRsn>	[0..1]	Text		1698
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1698
	Environment <Envt>	[1..1]	±	C3	1698
	Transaction <Tx>	[1..1]			1704
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1704
	TransactionIdentification <TxId>	[1..1]	±		1705
	Response <Rspn>	[1..1]	CodeSet		1705
	SuspendedTransaction <SspdTx>	[0..*]			1705
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1706
	TransactionResponse <TxRspn>	[1..1]			1706
	Response <Rspn>	[1..1]	CodeSet		1706
	ResponseReason <RspnRsn>	[0..1]	Text		1707
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1707
	Environment <Envt>	[1..1]	±	C3	1707
	Transaction <Tx>	[1..1]			1713
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1713
	TransactionIdentification <TxId>	[1..1]	±		1714
	Response <Rspn>	[1..1]	CodeSet		1714
	ResumedApproval <RsmdApprvl>	[0..*]			1714
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1715
	TransactionResponse <TxRspn>	[1..1]			1715
	Response <Rspn>	[1..1]	CodeSet		1715
	ResponseReason <RspnRsn>	[0..1]	Text		1716

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1716
	Environment <Envt>	[1..1]	±	C3	1716
	Transaction <Tx>	[1..1]			1722
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1722
	TransactionIdentification <TxId>	[1..1]	±		1723
	Response <Rspn>	[1..1]	CodeSet		1723
	ResumedRejection <RsmdRjctn>	[0..*]			1723
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1724
	TransactionResponse <TxRspn>	[1..1]			1724
	Response <Rspn>	[1..1]	CodeSet		1724
	ResponseReason <RspnRsn>	[0..1]	Text		1725
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1725
	Environment <Envt>	[1..1]	±	C3	1725
	Transaction <Tx>	[1..1]			1731
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1731
	TransactionIdentification <TxId>	[1..1]	±		1732
	Response <Rspn>	[1..1]	CodeSet		1732
	Response <Rspn>	[1..1]	±		1732
	SecurityTrailer <SctyTrlr>	[0..1]	±		1732

28.3 Constraints

C1 ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

C3 OneElementPresenceRule

At least one of these subelements must be present.

C4 SupplementaryDataRule

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

C5 ValidationByTable

Must be a valid terrestrial language.

28.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

28.4.1 Header <Hdr>

Presence: [1..1]

Definition: AcquirerToAcceptorBatchFileExchange message management information.

Header <Hdr> contains the following **Header56** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DownloadTransfer <DwnldTrf>	[1..1]	Indicator		1659
	FormatVersion <FrmtVrsn>	[1..1]	Text		1659
	Exchangeldentification <Xchgld>	[1..1]	Quantity		1659
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1659
	InitiatingParty <InitgPty>	[1..1]	±		1660
	RecipientParty <RcptPty>	[0..1]	±		1660

28.4.1.1 DownloadTransfer <DwnldTrf>

Presence: [1..1]

Definition: Indicates if the file transfer is a download or an upload.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

28.4.1.2 FormatVersion <FrmtVrsn>

Presence: [1..1]

Definition: Version of file format.

Datatype: ["Max6Text"](#) on page 2383

28.4.1.3 Exchangeldentification <Xchgld>

Presence: [1..1]

Definition: Unique identification of an exchange occurrence.

Datatype: ["Number"](#) on page 2377

28.4.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time at which the file or message was created.

Datatype: "ISODateTime" on page 2374

28.4.1.5 InitiatingParty <InitgPty>

Presence: [1..1]

Definition: Unique identification of the partner that has initiated the exchange.

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification176" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

28.4.1.6 RecipientParty <RcptPty>

Presence: [0..1]

Definition: Unique identification of the partner that is the recipient of the exchange.

RecipientParty <RcptPty> contains the following elements (see "GenericIdentification177" on page 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2018

28.4.2 **BodyElement <BodyElmt>**

Presence: [0..*]

Definition: Record of an exchange to an Acceptor.

BodyElement <BodyElmt> contains the following **AcquirerToAcceptorFileBody2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompletionAdviceResponse <CmpltnAdvcRspn>	[0..1]			1665
	Environment <Envt>	[1..1]	±	C3	1665
	Transaction <Tx>	[1..1]			1671
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1672
	TransactionIdentification <TxId>	[1..1]	±		1672
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1672
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1672
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1672
	Response <Rspn>	[1..1]	CodeSet		1673
	TMSTrigger <TMSTrggr>	[0..1]			1673
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1673
	TMSIdentification <TMSId>	[0..1]	Text		1673
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1674
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1674
	CancellationResponse <CxlRspn>	[0..1]			1674
	Environment <Envt>	[1..1]	±	C3	1675
	Transaction <Tx>	[1..1]			1681
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1682
	TransactionIdentification <TxId>	[1..1]	±		1682
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1682
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1682
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1682
	Response <Rspn>	[1..1]	CodeSet		1683
	TMSTrigger <TMSTrggr>	[0..1]			1683
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1683
	TMSIdentification <TMSId>	[0..1]	Text		1683
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1684
	BatchTransferResponse <BtchTrfRspn>	[0..1]			1684
	TransactionTotals <TxTtls>	[0..*]			1687
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1687
	CardBrand <CardBrnd>	[0..1]	Text		1687

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1688
	Currency <Ccy>	[0..1]	CodeSet	C1	1688
	Type <Tp>	[1..1]	CodeSet		1688
	TotalNumber <TtlNb>	[1..1]	Quantity		1688
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1688
	DataSet <DataSet>	[0..*]			1689
	DataSetIdentification <DataSetId>	[1..1]			1692
	Name <Nm>	[1..1]	Text		1692
	Type <Tp>	[1..1]	CodeSet		1692
	Version <Vrsn>	[0..1]	Text		1693
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1693
	DataSetResult <DataSetRslt>	[1..1]			1693
	Response <Rspn>	[1..1]	CodeSet		1693
	ResponseReason <RspnRsn>	[0..1]	Text		1693
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1694
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1694
	DataSetInitiator <DataSetIntr>	[0..1]	±		1694
	TransactionTotals <TxTtls>	[1..*]			1694
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1695
	CardBrand <CardBrnd>	[0..1]	Text		1695
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1695
	Currency <Ccy>	[0..1]	CodeSet	C1	1695
	Type <Tp>	[1..1]	CodeSet		1695
	TotalNumber <TtlNb>	[1..1]	Quantity		1696
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1696
	RejectedTransaction <RjctdTx>	[0..*]			1696
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1697
	TransactionResponse <TxRspn>	[1..1]			1697
	Response <Rspn>	[1..1]	CodeSet		1697
	ResponseReason <RspnRsn>	[0..1]	Text		1698
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1698

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1698
	Transaction <Tx>	[1..1]			1704
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1704
	TransactionIdentification <TxId>	[1..1]	±		1705
	Response <Rspn>	[1..1]	CodeSet		1705
	SuspendedTransaction <SspdTx>	[0..*]			1705
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1706
	TransactionResponse <TxRspn>	[1..1]			1706
	Response <Rspn>	[1..1]	CodeSet		1706
	ResponseReason <RspnRsn>	[0..1]	Text		1707
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1707
	Environment <Envt>	[1..1]	±	C3	1707
	Transaction <Tx>	[1..1]			1713
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1713
	TransactionIdentification <TxId>	[1..1]	±		1714
	Response <Rspn>	[1..1]	CodeSet		1714
	ResumedApproval <RsmdApprvl>	[0..*]			1714
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1715
	TransactionResponse <TxRspn>	[1..1]			1715
	Response <Rspn>	[1..1]	CodeSet		1715
	ResponseReason <RspnRsn>	[0..1]	Text		1716
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1716
	Environment <Envt>	[1..1]	±	C3	1716
	Transaction <Tx>	[1..1]			1722
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1722
	TransactionIdentification <TxId>	[1..1]	±		1723
	Response <Rspn>	[1..1]	CodeSet		1723
	ResumedRejection <RsmdRjctn>	[0..*]			1723
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1724
	TransactionResponse <TxRspn>	[1..1]			1724
	Response <Rspn>	[1..1]	CodeSet		1724

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseReason <RspnRsn>	[0..1]	Text		1725
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1725
	Environment <Envt>	[1..1]	±	C3	1725
	Transaction <Tx>	[1..1]			1731
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1731
	TransactionIdentification <TxId>	[1..1]	±		1732
	Response <Rspn>	[1..1]	CodeSet		1732

28.4.2.1 CompletionAdviceResponse <CmpltnAdvcrspn>

Presence: [0..1]

Definition: Information related to the completion advice response.

CompletionAdviceResponse <CmpltnAdvcrspn> contains the following
AcceptorCompletionAdviceResponse13 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1665
	Transaction <Tx>	[1..1]			1671
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1672
	TransactionIdentification <TxId>	[1..1]	±		1672
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1672
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1672
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1672
	Response <Rspn>	[1..1]	CodeSet		1673
	TMSTrigger <TMSTrggr>	[0..1]			1673
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1673
	TMSIdentification <TMSId>	[0..1]	Text		1673
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1674
	SupplementaryData <SplmtryData>	[0..*]	±	C4	1674

28.4.2.1.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

28.4.2.1.2 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1672
	TransactionIdentification <TxId>	[1..1]	±		1672
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1672
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1672
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1672
	Response <Rspn>	[1..1]	CodeSet		1673

28.4.2.1.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

28.4.2.1.2.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentifier1](#)" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

28.4.2.1.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

28.4.2.1.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "Max140Text" on page 2380

28.4.2.1.2.5 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

Datatype: "Max35Text" on page 2382

28.4.2.1.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.1.3 TMSTrigger <TMSTrgr>

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		1673
	TMSIdentification <TMSId>	[0..1]	Text		1673
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1674

28.4.2.1.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

28.4.2.1.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 2382

28.4.2.1.3.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]
Definition: Date and time for calling the maintenance.
Datatype: "ISODatetime" on page 2374

28.4.2.1.4 SupplementaryData <SplmtryData>

Presence: [0..*]
Definition: Additional information incorporated as an extension to the message.
Impacted by: C4 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**
This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

28.4.2.2 CancellationResponse <CxlRspn>

Presence: [0..1]
Definition: Information related to the cancellation advice response.

CancellationResponse <CxIRspn> contains the following **AcceptorCancellationAdviceResponse13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]	±	C3	1675
	Transaction <Tx>	[1..1]			1681
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1682
	TransactionIdentification <TxId>	[1..1]	±		1682
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1682
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1682
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1682
	Response <Rspn>	[1..1]	CodeSet		1683
	TMSTrigger <TMSTrggr>	[0..1]			1683
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1683
	TMSIdentification <TMSId>	[0..1]	Text		1683
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1684

28.4.2.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltdAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

28.4.2.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Cancellation transaction from an acceptor to the acquirer.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1682
	TransactionIdentification <TxId>	[1..1]	±		1682
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1682
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1682
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1682
	Response <Rspn>	[1..1]	CodeSet		1683

28.4.2.2.2.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

28.4.2.2.2.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

28.4.2.2.2.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

28.4.2.2.2.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "Max140Text" on page 2380

28.4.2.2.2.5 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the reconciliation period between the acceptor and the acquirer. This identification might be linked to the identification of the settlement for further verification by the merchant.

Datatype: "Max35Text" on page 2382

28.4.2.2.2.6 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.2.3 TMSTrigger <TMSTrgr>

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		1683
	TMSIdentification <TMSId>	[0..1]	Text		1683
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1684

28.4.2.2.3.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

28.4.2.2.3.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 2382

28.4.2.2.3.3 TMSContactDateTime <TMSctctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODatetime" on page 2374

28.4.2.3 BatchTransferResponse <BtchTrfRspn>

Presence: [0..1]

Definition: Information related to the previously sent set of transaction.

BatchTransferResponse <BtchTrfRspn> contains the following
CardPaymentBatchTransferResponse12 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionTotals <TxTtls>	[0..*]			1687
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1687
	CardBrand <CardBrnd>	[0..1]	Text		1687
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1688
	Currency <Ccy>	[0..1]	CodeSet	C1	1688
	Type <Tp>	[1..1]	CodeSet		1688
	TotalNumber <TtlNb>	[1..1]	Quantity		1688
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1688
	DataSet <DataSet>	[0..*]			1689
	DataSetIdentification <DataSetId>	[1..1]			1692
	Name <Nm>	[1..1]	Text		1692
	Type <Tp>	[1..1]	CodeSet		1692
	Version <Vrsn>	[0..1]	Text		1693
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1693
	DataSetResult <DataSetRslt>	[1..1]			1693
	Response <Rspn>	[1..1]	CodeSet		1693
	ResponseReason <RspnRsn>	[0..1]	Text		1693
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1694
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1694
	DataSetInitiator <DataSetInitr>	[0..1]	±		1694
	TransactionTotals <TxTtls>	[1..*]			1694
	POIGrouplIdentification <POIGrpld>	[0..1]	Text		1695
	CardBrand <CardBrnd>	[0..1]	Text		1695
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1695
	Currency <Ccy>	[0..1]	CodeSet	C1	1695
	Type <Tp>	[1..1]	CodeSet		1695
	TotalNumber <TtlNb>	[1..1]	Quantity		1696
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1696
	RejectedTransaction <RjctdTx>	[0..*]			1696
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1697

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionResponse <TxRspn>	[1..1]			1697
	Response <Rspn>	[1..1]	CodeSet		1697
	ResponseReason <RspnRsn>	[0..1]	Text		1698
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1698
	Environment <Envt>	[1..1]	±	C3	1698
	Transaction <Tx>	[1..1]			1704
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1704
	TransactionIdentification <TxId>	[1..1]	±		1705
	Response <Rspn>	[1..1]	CodeSet		1705
	SuspendedTransaction <SspdTx>	[0..*]			1705
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1706
	TransactionResponse <TxRspn>	[1..1]			1706
	Response <Rspn>	[1..1]	CodeSet		1706
	ResponseReason <RspnRsn>	[0..1]	Text		1707
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1707
	Environment <Envt>	[1..1]	±	C3	1707
	Transaction <Tx>	[1..1]			1713
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1713
	TransactionIdentification <TxId>	[1..1]	±		1714
	Response <Rspn>	[1..1]	CodeSet		1714
	ResumedApproval <RsmdApprvl>	[0..*]			1714
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1715
	TransactionResponse <TxRspn>	[1..1]			1715
	Response <Rspn>	[1..1]	CodeSet		1715
	ResponseReason <RspnRsn>	[0..1]	Text		1716
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1716
	Environment <Envt>	[1..1]	±	C3	1716
	Transaction <Tx>	[1..1]			1722
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1722
	TransactionIdentification <TxId>	[1..1]	±		1723
	Response <Rspn>	[1..1]	CodeSet		1723

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResumedRejection <RsmdRjctn>	[0..*]			1723
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1724
	TransactionResponse <TxRspn>	[1..1]			1724
	Response <Rspn>	[1..1]	CodeSet		1724
	ResponseReason <RspnRsn>	[0..1]	Text		1725
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1725
	Environment <Envt>	[1..1]	±	C3	1725
	Transaction <Tx>	[1..1]			1731
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1731
	TransactionIdentification <TxId>	[1..1]	±		1732
	Response <Rspn>	[1..1]	CodeSet		1732

28.4.2.3.1 TransactionTotals <TxTtls>

Presence: [0..*]

Definition: Totals of transactions of all the data sets.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGroupIdentification <POIGrpId>	[0..1]	Text		1687
	CardBrand <CardBrnd>	[0..1]	Text		1687
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1688
	Currency <Ccy>	[0..1]	CodeSet	C1	1688
	Type <Tp>	[1..1]	CodeSet		1688
	TotalNumber <TtlNb>	[1..1]	Quantity		1688
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1688

28.4.2.3.1.1 POIGroupIdentification <POIGrpId>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2382

28.4.2.3.1.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

28.4.2.3.1.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2382

28.4.2.3.1.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

28.4.2.3.1.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 2371

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

28.4.2.3.1.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2377

28.4.2.3.1.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

28.4.2.3.2 DataSet <DataSet>

Presence: [0..*]

Definition: Information related to the previously sent set of transaction.

DataSet <DataSet> contains the following **CardPaymentDataSet39** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DataSetIdentification <DataSetId>	[1..1]			1692
	Name <Nm>	[1..1]	Text		1692
	Type <Tp>	[1..1]	CodeSet		1692
	Version <Vrsn>	[0..1]	Text		1693
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1693
	DataSetResult <DataSetRslt>	[1..1]			1693
	Response <Rspn>	[1..1]	CodeSet		1693
	ResponseReason <RspnRsn>	[0..1]	Text		1693
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1694
	RemoveDataSet <RmvDataSet>	[1..1]	Indicator		1694
	DataSetInitiator <DataSetInitr>	[0..1]	±		1694
	TransactionTotals <TxTtls>	[1..*]			1694
	POIGroupIdentification <POIGrpld>	[0..1]	Text		1695
	CardBrand <CardBrnd>	[0..1]	Text		1695
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1695
	Currency <Ccy>	[0..1]	CodeSet	C1	1695
	Type <Tp>	[1..1]	CodeSet		1695
	TotalNumber <TtlNb>	[1..1]	Quantity		1696
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1696
	RejectedTransaction <RjctdTx>	[0..*]			1696
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1697
	TransactionResponse <TxRspn>	[1..1]			1697
	Response <Rspn>	[1..1]	CodeSet		1697
	ResponseReason <RspnRsn>	[0..1]	Text		1698
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1698
	Environment <Envt>	[1..1]	±	C3	1698
	Transaction <Tx>	[1..1]			1704
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1704
	TransactionIdentification <TxId>	[1..1]	±		1705
	Response <Rspn>	[1..1]	CodeSet		1705
	SuspendedTransaction <SspdTx>	[0..*]			1705

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1706
	TransactionResponse <TxRspn>	[1..1]			1706
	Response <Rspn>	[1..1]	CodeSet		1706
	ResponseReason <RspnRsn>	[0..1]	Text		1707
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1707
	Environment <Envvt>	[1..1]	±	C3	1707
	Transaction <Tx>	[1..1]			1713
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1713
	TransactionIdentification <TxId>	[1..1]	±		1714
	Response <Rspn>	[1..1]	CodeSet		1714
	ResumedApproval <RsmdApprvl>	[0..*]			1714
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1715
	TransactionResponse <TxRspn>	[1..1]			1715
	Response <Rspn>	[1..1]	CodeSet		1715
	ResponseReason <RspnRsn>	[0..1]	Text		1716
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1716
	Environment <Envvt>	[1..1]	±	C3	1716
	Transaction <Tx>	[1..1]			1722
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1722
	TransactionIdentification <TxId>	[1..1]	±		1723
	Response <Rspn>	[1..1]	CodeSet		1723
	ResumedRejection <RsmdRjctn>	[0..*]			1723
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1724
	TransactionResponse <TxRspn>	[1..1]			1724
	Response <Rspn>	[1..1]	CodeSet		1724
	ResponseReason <RspnRsn>	[0..1]	Text		1725
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1725
	Environment <Envvt>	[1..1]	±	C3	1725
	Transaction <Tx>	[1..1]			1731
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1731
	TransactionIdentification <TxId>	[1..1]	±		1732

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1732

28.4.2.3.2.1 DataSetIdentification <DataSetId>

Presence: [1..1]

Definition: Identification of the data set.

DataSetIdentification <DataSetId> contains the following **DataSetIdentification5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		1692
	Type <Tp>	[1..1]	CodeSet		1692
	Version <Vrsn>	[0..1]	Text		1693
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1693

28.4.2.3.2.1.1 Name <Nm>

Presence: [1..1]

Definition: Name of the data set.

Datatype: "Max256Text" on page 2381

28.4.2.3.2.1.2 Type <Tp>

Presence: [1..1]

Definition: Category of data set.

Datatype: "DataSetCategory8Code" on page 2340

CodeName	Name	Definition
SWPK	SoftwareModule	Software module.
VDPR	VendorParameters	Point of interaction parameters defined by the manufacturer for instance the PIN verification capabilities.
AQPR	AcquirerParameters	Acquirer specific configuration parameters for the point of interaction (POI) system.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
TXCP	BatchCapture	Batch upload of transaction data (data capture of a group of transactions).
AKCP	CaptureResponse	Batch download response for the batch capture of transactions.
STRP	StatusReport	Report of software configuration and parameter status.
DLGT	DelegationData	Data needed to create a terminal management sub-domain.

CodeName	Name	Definition
MGTP	ManagementPlan	Configuration of management plan in the point of interaction.
RCLE	ReconciliationError	Batch of transaction that have generated an error in the totals of the reconciliation.

28.4.2.3.2.1.3 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data set.

Datatype: "Max256Text" on page 2381

28.4.2.3.2.1.4 CreationDateTime <CreDtTm>

Presence: [1..1]

Definition: Date and time of creation of the data set.

Datatype: "ISODateTime" on page 2374

28.4.2.3.2.2 DataSetResult <DataSetRsIt>

Presence: [1..1]

Definition: Result of the data set capture.

DataSetResult <DataSetRsIt> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1693
	ResponseReason <RspnRsn>	[0..1]	Text		1693
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1694

28.4.2.3.2.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

28.4.2.3.2.3 RemoveDataSet <RmvDataSet>

Presence: [1..1]

Definition: Indicates if the data set must be removed from the POI (Point Of Interaction).

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

28.4.2.3.2.4 DataSetInitiator <DataSetInitr>

Presence: [0..1]

Definition: Initiator of the data set.

DataSetInitiator <DataSetInitr> contains the following elements (see "GenericIdentification176" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

28.4.2.3.2.5 TransactionTotals <TxTtls>

Presence: [1..*]

Definition: Transaction totals of the batch.

TransactionTotals <TxTtls> contains the following **TransactionTotals12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	POIGrouplidentification <POIGrpld>	[0..1]	Text		1695
	CardBrand <CardBrnd>	[0..1]	Text		1695
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		1695
	Currency <Ccy>	[0..1]	CodeSet	C1	1695
	Type <Tp>	[1..1]	CodeSet		1695
	TotalNumber <TtlNb>	[1..1]	Quantity		1696
	CumulativeAmount <CmltvAmt>	[1..1]	Amount		1696

28.4.2.3.2.5.1 POIGrouplidentification <POIGrpld>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.5.2 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.5.3 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Category of cards related the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.5.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction totals.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

28.4.2.3.2.5.5 Type <Tp>

Presence: [1..1]

Definition: Identification of the type of transaction.

Datatype: "TypeTransactionTotals2Code" on page 2371

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

28.4.2.3.2.5.6 TotalNumber <TtlNb>

Presence: [1..1]

Definition: Total number of transactions during a reconciliation period.

Datatype: "Number" on page 2377

28.4.2.3.2.5.7 CumulativeAmount <CmltvAmt>

Presence: [1..1]

Definition: Total amount of a collection of transactions.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

28.4.2.3.2.6 RejectedTransaction <RjctdTxx>

Presence: [0..*]

Definition: Transaction in the batch, whose capture has been rejected.

RejectedTransaction <RjctdTx> contains the following **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1697
	TransactionResponse <TxRspn>	[1..1]			1697
	Response <Rspn>	[1..1]	CodeSet		1697
	ResponseReason <RspnRsn>	[0..1]	Text		1698
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1698
	Environment <Envt>	[1..1]	±	C3	1698
	Transaction <Tx>	[1..1]			1704
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1704
	TransactionIdentification <TxId>	[1..1]	±		1705
	Response <Rspn>	[1..1]	CodeSet		1705

28.4.2.3.2.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

28.4.2.3.2.6.2 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the capture of the transaction.

TransactionResponse <TxRspn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1697
	ResponseReason <RspnRsn>	[0..1]	Text		1698
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1698

28.4.2.3.2.6.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

CodeName	Name	Definition
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.6.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.6.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

28.4.2.3.2.6.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <Drvrld>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

28.4.2.3.2.6.4 Transaction <Tx>

Presence: [1..1]

Definition: Transaction that has been rejected.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1704
	TransactionIdentification <TxId>	[1..1]	±		1705
	Response <Rspn>	[1..1]	CodeSet		1705

28.4.2.3.2.6.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.6.4.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

28.4.2.3.2.6.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.7 SuspendedTransaction <SspdTx>

Presence: [0..*]

Definition: Transaction in the batch, whose capture has been suspended.

SuspendedTransaction <SspdTx> contains the following **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1706
	TransactionResponse <TxRspn>	[1..1]			1706
	Response <Rspn>	[1..1]	CodeSet		1706
	ResponseReason <RspnRsn>	[0..1]	Text		1707
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1707
	Environment <Envt>	[1..1]	±	C3	1707
	Transaction <Tx>	[1..1]			1713
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1713
	TransactionIdentification <TxId>	[1..1]	±		1714
	Response <Rspn>	[1..1]	CodeSet		1714

28.4.2.3.2.7.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

28.4.2.3.2.7.2 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the capture of the transaction.

TransactionResponse <TxRspn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1706
	ResponseReason <RspnRsn>	[0..1]	Text		1707
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1707

28.4.2.3.2.7.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

CodeName	Name	Definition
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.7.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.7.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

28.4.2.3.2.7.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

28.4.2.3.2.7.4 Transaction <Tx>

Presence: [1..1]

Definition: Transaction that has been rejected.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1713
	TransactionIdentification <TxId>	[1..1]	±		1714
	Response <Rspn>	[1..1]	CodeSet		1714

28.4.2.3.2.7.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.7.4.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

28.4.2.3.2.7.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.8 ResumedApproval <RsmdApprvl>

Presence: [0..*]

Definition: Transaction in the batch, whose capture has been approved after suspension.

ResumedApproval <RsmndApprvl> contains the following **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1715
	TransactionResponse <TxRspn>	[1..1]			1715
	Response <Rspn>	[1..1]	CodeSet		1715
	ResponseReason <RspnRsn>	[0..1]	Text		1716
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1716
	Environment <Envt>	[1..1]	±	C3	1716
	Transaction <Tx>	[1..1]			1722
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1722
	TransactionIdentification <TxId>	[1..1]	±		1723
	Response <Rspn>	[1..1]	CodeSet		1723

28.4.2.3.2.8.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

28.4.2.3.2.8.2 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the capture of the transaction.

TransactionResponse <TxRspn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1715
	ResponseReason <RspnRsn>	[0..1]	Text		1716
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1716

28.4.2.3.2.8.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

CodeName	Name	Definition
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.8.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.8.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

28.4.2.3.2.8.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

28.4.2.3.2.8.4 Transaction <Tx>

Presence: [1..1]

Definition: Transaction that has been rejected.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1722
	TransactionIdentification <TxId>	[1..1]	±		1723
	Response <Rspn>	[1..1]	CodeSet		1723

28.4.2.3.2.8.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.8.4.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

28.4.2.3.2.8.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.9 ResumedRejection <RsmdRjctn>

Presence: [0..*]

Definition: Transaction in the batch, whose capture has been rejected after suspension.

ResumedRejection <RsmdRjctn> contains the following **CardPaymentDataSet38** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1724
	TransactionResponse <TxRspn>	[1..1]			1724
	Response <Rspn>	[1..1]	CodeSet		1724
	ResponseReason <RspnRsn>	[0..1]	Text		1725
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1725
	Environment <Envt>	[1..1]	±	C3	1725
	Transaction <Tx>	[1..1]			1731
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1731
	TransactionIdentification <TxId>	[1..1]	±		1732
	Response <Rspn>	[1..1]	CodeSet		1732

28.4.2.3.2.9.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

28.4.2.3.2.9.2 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the capture of the transaction.

TransactionResponse <TxRspn> contains the following **ResponseType10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		1724
	ResponseReason <RspnRsn>	[0..1]	Text		1725
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1725

28.4.2.3.2.9.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.

CodeName	Name	Definition
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.2.3.2.9.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.9.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

28.4.2.3.2.9.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction.

Impacted by: C3 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

28.4.2.3.2.9.4 Transaction <Tx>

Presence: [1..1]

Definition: Transaction that has been rejected.

Transaction <Tx> contains the following **CardPaymentTransactionAdviceResponse5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1731
	TransactionIdentification <TxId>	[1..1]	±		1732
	Response <Rspn>	[1..1]	CodeSet		1732

28.4.2.3.2.9.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

28.4.2.3.2.9.4.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Unique identification of the transaction by the POI (Point Of Interaction).

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentifier1" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

28.4.2.3.2.9.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of a requested service.

Datatype: "Response1Code" on page 2363

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partially provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

28.4.3 Response <Rspn>

Presence: [1..1]

Definition: Result of the processing of the request.

Response <Rspn> contains the following elements (see "ResponseType11" on page 2096 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2096
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2097
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2098

28.4.4 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC or a signature.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType38](#)" on page 2279 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2279
	AuthenticatedData <AuthntcdData>	[0..1]	±		2280
	SignedData <SgndData>	[0..1]	±		2281

29 Message Items Types

29.1 MessageComponents

29.1.1 Account

29.1.1.1 CashAccount40

Definition: Provides the details to identify an account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
/Identification Must be present
Or /Proxy Must be present

29.1.1.1.1 Identification <Id>

Presence: [0..1]

Definition: Unique and unambiguous identification for the account between the account owner and the account servicer.

Identification <Id> contains one of the following elements (see "[AccountIdentification4Choice](#)" on page 1738 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1738
Or}	Other <Othr>	[1..1]	±		1739

29.1.1.1.2 Type <Tp>

Presence: [0..1]

Definition: Specifies the nature, or use of the account.

Type <Tp> contains one of the following elements (see "[CashAccountType2Choice](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1737
Or}	Proprietary <Prtry>	[1..1]	Text		1737

29.1.1.1.3 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Usage: Currency should only be used in case one and the same account number covers several currencies

and the initiating party needs to identify which currency needs to be used for settlement on the account.

Impacted by: [C2 "ActiveOrHistoricCurrency"](#)

Datatype: "[ActiveOrHistoricCurrencyCode](#)" on page 2317

Constraints

- **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

29.1.1.1.4 Name <Nm>

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 2384

29.1.1.1.5 Proxy <Prxy>

Presence: [0..1]

Definition: Specifies an alternate assumed name for the identification of the account.

Proxy <Prxy> contains the following elements (see "[ProxyAccountIdentification1](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]			1736
{Or	Code <Cd>	[1..1]	CodeSet		1736
Or}	Proprietary <Prtry>	[1..1]	Text		1736
	Identification <Id>	[1..1]	Text		1736

29.1.1.2 ProxyAccountIdentification1

Definition: Information related to a proxy identification of the account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]			1736
{Or	Code <Cd>	[1..1]	CodeSet		1736
Or}	Proprietary <Prtry>	[1..1]	Text		1736
	Identification <Id>	[1..1]	Text		1736

29.1.1.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of the proxy identification.

Type <Tp> contains one of the following **ProxyAccountType1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1736
Or}	Proprietary <Prtry>	[1..1]	Text		1736

29.1.1.2.1.1 Code <Cd>

Presence: [1..1]

Definition: Name of the identification scheme, in a coded form as published in an external list.

Datatype: "[ExternalProxyAccountType1Code](#)" on page 2343

29.1.1.2.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "[Max35Text](#)" on page 2382

29.1.1.2.2 Identification <Id>

Presence: [1..1]

Definition: Identification used to indicate the account identification under another specified name.

Datatype: "Max2048Text" on page 2380

29.1.1.3 CashAccountType2Choice

Definition: Nature or use of the account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1737
Or}	Proprietary <Prtry>	[1..1]	Text		1737

29.1.1.3.1 Code <Cd>

Presence: [1..1]

Definition: Account type, in a coded form.

Datatype: "ExternalCashAccountType1Code" on page 2342

29.1.1.3.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Nature or use of the account in a proprietary form.

Datatype: "Max35Text" on page 2382

29.1.1.4 GenericAccountIdentification1

Definition: Information related to a generic account identification.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1737
	SchemeName <SchmeNm>	[0..1]			1737
{Or	Code <Cd>	[1..1]	CodeSet		1738
Or}	Proprietary <Prtry>	[1..1]	Text		1738
	Issuer <Issr>	[0..1]	Text		1738

29.1.1.4.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max34Text" on page 2381

29.1.1.4.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

SchemeName <SchmeNm> contains one of the following **AccountSchemeName1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		1738
Or}	Proprietary <Prtry>	[1..1]	Text		1738

29.1.1.4.2.1 Code <Cd>

Presence: [1..1]

Definition: Name of the identification scheme, in a coded form as published in an external list.

Datatype: "ExternalAccountIdentification1Code" on page 2341

29.1.1.4.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2382

29.1.1.4.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2382

29.1.2 Account Identification

29.1.2.1 AccountIdentification4Choice

Definition: Specifies the unique identification of an account as assigned by the account servicer.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1738
Or}	Other <Othr>	[1..1]	±		1739

29.1.2.1.1 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: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

• IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

29.1.2.1.2 Other <Othr>

Presence: [1..1]

Definition: Unique identification of an account, as assigned by the account servicer, using an identification scheme.

Other <Othr> contains the following elements (see "GenericAccountIdentification1" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1737
	SchemeName <SchmeNm>	[0..1]			1737
{Or	Code <Cd>	[1..1]	CodeSet		1738
Or}	Proprietary <Prtry>	[1..1]	Text		1738
	Issuer <Issr>	[0..1]	Text		1738

29.1.3 Acquirer

29.1.3.1 Acquirer10

Definition: Acquirer involved in the card payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1739
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1740

29.1.3.1.1 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 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

29.1.3.1.2 ParametersVersion <ParamsVrsn>

Presence: [0..1]

Definition: Version of the payment acquirer parameters of the POI.

Datatype: "[Max256Text](#)" on page 2381

29.1.3.2 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		1740
	KeyVersion <KeyVrsn>	[1..1]	Text		1741
	SequenceNumber <SeqNb>	[0..1]	Quantity		1741
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1741

29.1.3.2.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "[Max140Text](#)" on page 2380

29.1.3.2.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 2380

29.1.3.2.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 2377

29.1.3.2.4 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 2315

29.1.4 Address

29.1.4.1 CommunicationAddress9

Definition: Communication information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1741
	Email <Email>	[0..1]	Text		1742
	URLAddress <URLAdr>	[0..1]	Text		1742
	Phone <Phne>	[0..1]	Text		1742
	CustomerService <CstmrSvc>	[0..1]	Text		1742
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1742

29.1.4.1.1 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Postal address of the entity.

PostalAddress <PstlAdr> contains the following elements (see "[PostalAddress22](#)" on page 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2238
	Department <Dept>	[0..1]	Text		2238
	SubDepartment <SubDept>	[0..1]	Text		2238
	AddressLine <AdrLine>	[0..2]	Text		2238
	StreetName <StrtNm>	[0..1]	Text		2239
	BuildingNumber <BldgNb>	[0..1]	Text		2239
	PostCode <PstCd>	[0..1]	Text		2239
	TownName <TwnNm>	[0..1]	Text		2239
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2239
	CountryCode <CtryCd>	[0..1]	Text		2239

29.1.4.1.2 Email <Email>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "[Max256Text](#)" on page 2381

29.1.4.1.3 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 2381

29.1.4.1.4 Phone <Phne>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "[PhoneNumber](#)" on page 2386

29.1.4.1.5 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

Datatype: "[PhoneNumber](#)" on page 2386

29.1.4.1.6 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 2381

29.1.5 Amount

29.1.5.1 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		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

29.1.5.1.1 AmountGoodsAndServices <AmtGoodsAndSvcs>

Presence: [0..1]

Definition: Amount of purchase goods and services without tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.5.1.2 CashBack <CshBck>

Presence: [0..1]

Definition: Cash-back amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.5.1.3 Gratuity <Grtty>

Presence: [0..1]

Definition: Gratuity amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.5.1.4 Fees <Fees>

Presence: [0..*]

Definition: Fees amount.

Fees <Fees> contains the following elements (see "DetailedAmount4" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1745
	Label <Lab>	[0..1]	Text		1745

29.1.5.1.5 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 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1745
	Label <Labl>	[0..1]	Text		1745

29.1.5.1.6 ValueAddedTax <ValAddedTax>

Presence: [0..*]

Definition: Value added tax amount.

ValueAddedTax <ValAddedTax> contains the following elements (see "[DetailedAmount4](#)" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1745
	Label <Labl>	[0..1]	Text		1745

29.1.5.1.7 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 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1745
	Label <Labl>	[0..1]	Text		1745

29.1.5.2 AmountAndDirection93

Definition: Signed amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1744
	Currency <Ccy>	[1..1]	CodeSet	C1	1745
	Sign <Sgn>	[0..1]	Indicator		1745

29.1.5.2.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.5.2.2 Currency <Ccy>

Presence: [1..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**
The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.5.2.3 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 2376):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.5.3 DetailedAmount4

Definition: Detailed amounts associated with the total amount of transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1745
	Label <Labl>	[0..1]	Text		1745

29.1.5.3.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.5.3.2 Label <Labl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 2380

29.1.5.4 InstalmentAmountDetails1

Definition: Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1746
	OtherType <OthrTp>	[0..1]	Text		1746
	SubType <SubTp>	[0..1]	Text		1746
	Amount <Amt>	[0..1]	±		1746
	Percentage <Pctg>	[0..1]	Rate		1747

29.1.5.4.1 Type <Tp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "InstalmentAmountDetailsType1Code" on page 2346

CodeName	Name	Definition
TAXX	Tax	Instalment amount tax
RQST	Requested	Requested amount
OTHP	OtherPrivate	Grace period unit type
OTHN	OtherNational	Grace period unit type
OTHC	OtherCharges	Other amounts
INSU	Insurance	Insurance amount
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

29.1.5.4.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 2382

29.1.5.4.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: "Max35Text" on page 2382

29.1.5.4.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see "[Amount5](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1747
	Sign <Sgn>	[0..1]	Indicator		1747

29.1.5.4.5 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 2378

29.1.5.5 Amount5

Definition: Signed amount in a given numeric currency

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1747
	Sign <Sgn>	[0..1]	Indicator		1747

29.1.5.5.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "[ImpliedCurrencyAndAmount](#)" on page 2313

29.1.5.5.2 Sign <Sgn>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: One of the following values must be used (see "[PlusOrMinusIndicator](#)" on page 2376):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.6 Card Transaction

29.1.6.1 CardPaymentTransaction138

Definition: Identification of the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

29.1.6.1.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

29.1.6.1.2 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.6.1.3 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2019
	Type <Tp>	[0..1]	CodeSet		2019
	Issuer <Issr>	[0..1]	CodeSet		2019
	ShortName <ShrtNm>	[0..1]	Text		2020

29.1.6.1.4 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "[Max35Text](#)" on page 2382

29.1.6.1.5 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "[Max140Text](#)" on page 2380

29.1.6.1.6 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "[CardPaymentServiceType12Code](#)" on page 2334

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.

29.1.6.1.7 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.1.6.1.8 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

29.1.6.1.9 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card information.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.6.1.10 TransactionResult <TxRslt>

Presence: [0..1]

Definition: Result of the original transaction.

TransactionResult <TxRslt> contains the following **CardPaymentTransactionResult4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

29.1.6.1.10.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

29.1.6.1.10.2 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		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753

29.1.6.1.10.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.1.6.1.10.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

29.1.6.1.10.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

29.1.6.1.10.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Min6Max8Text" on page 2385

29.1.6.2 GracePeriod1

Definition: Grace period applicable to an instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1753
	UnitType <UnitTp>	[1..1]	CodeSet		1754
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1754

29.1.6.2.1 Time <Tm>

Presence: [1..1]

Definition: Grace period time relative to the grace period unit type.

Datatype: "Max3NumericText" on page 2382

29.1.6.2.2 UnitType <UnitTp>

Presence: [1..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 2345

CodeName	Name	Definition
WEKS	Weeks	Grace period weeks.
PMTS	Payments	Grace period payments.
OTHP	OtherPrivate	Other Private Grace period.
OTHN	OtherNational	Other National Grace period.
MNTH	Months	Grace period months.
DAYS	Days	Grace period days.

29.1.6.2.3 OtherUnitType <OthrUnitTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 2382

29.1.6.3 CardPaymentDataSetTransaction53

Definition: Card payment transaction including an authorisation response.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1759
	Traceability <Tracblt>	[0..*]	±		1759
	Environment <Envt>	[1..1]	±	C9	1760
	Transaction <Tx>	[1..1]			1766
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1769
	TransactionIdentification <TxId>	[1..1]	±		1769
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1769
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1769
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1769
	InterchangeData <IntrchnngData>	[0..1]	Text		1770
	TransactionDetails <TxDtls>	[1..1]			1770
	Currency <Ccy>	[0..1]	CodeSet	C1	1773
	TotalAmount <TtlAmt>	[1..1]	Amount		1773
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1773
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1773
	DetailedAmount <DtldAmt>	[0..1]	±		1773
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1774
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1774
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1774
	ValidityDate <VldtyDt>	[0..1]	Date		1774
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1774
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1775
	AccountType <AcctTp>	[0..1]	CodeSet		1775
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1776
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1778
	Conversion <Convs>	[0..1]			1778
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1780
	TargetCurrency <TrgtCcy>	[1..1]			1780
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780
	Decimal <Dcml>	[1..1]	Quantity		1780

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1780
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1781
	ExchangeRate <XchgRate>	[1..1]	Rate		1781
	InvertedExchangeRate <NvrtedXchgRate>	[0..1]	Rate		1781
	QuotationDate <QtnDt>	[0..1]	DateTime		1781
	ValidFrom <VldFr>	[0..1]	DateTime		1781
	ValidUntil <VldUntil>	[0..1]	DateTime		1781
	SourceCurrency <SrcCcy>	[1..1]			1781
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782
	Name <Nm>	[0..1]	Text		1782
	ApplicableBinRange <ApblBinRg>	[0..*]			1782
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783
	OriginalAmount <OrgnlAmt>	[0..1]			1783
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783
	CommissionDetails <ComssnDtls>	[0..*]			1784
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	MarkupDetails <MrkUpDtls>	[0..*]			1784
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1784
	Instalment <Instlmt>	[0..*]	±		1785
	Recurring <Rcrng>	[0..1]	±		1786
	AggregationTransaction <AggtnTx>	[0..1]	±		1787
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1787
	SaleItem <Saleitm>	[0..*]	±		1787

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1788
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1788
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1788
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1788
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1789
	AdditionalInformation <AddtlInf>	[0..*]			1789
	Identification <Id>	[1..1]	Text		1789
	Value <Val>	[0..1]	Binary		1789
	ProtectedValue <PrctdVal>	[0..1]	±		1789
	Type <Tp>	[0..1]	Text		1790
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1790
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1790
	TransactionResponse <TxRspn>	[1..1]			1790
	AuthorisationResult <AuthstnRslt>	[1..1]			1793
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1793
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1794
	Response <Rspn>	[1..1]	CodeSet		1794
	ResponseReason <RspnRsn>	[0..1]	Text		1794
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1794
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1794
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1794
	TMSTrigger <TMSTrggr>	[0..1]			1795
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1795
	TMSIdentification <TMSId>	[0..1]	Text		1795
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1795
	AllowedProductCode <AllwdPdctCd>	[0..*]			1795
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1797
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1797
	AmountLimit <AmtLmt>	[0..1]	Amount		1797
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1797
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1797
	Balance <Bal>	[0..1]	±		1799
	ProtectedBalance <PrctcdBal>	[0..1]	±		1799
	Action <Actn>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1801
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1803
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1805
	TargetCurrency <TrgtCcy>	[1..1]			1805
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1805
	NumericCode <NmrcCd>	[1..1]	Text		1805
	Decimal <Dcml>	[1..1]	Quantity		1805
	Name <Nm>	[0..1]	Text		1806
	ResultingAmount <RsltAmt>	[0..1]	Amount		1806
	ExchangeRate <XchgRate>	[1..1]	Rate		1806
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1806
	QuotationDate <QtnDt>	[0..1]	DateTime		1806
	ValidFrom <VldFr>	[0..1]	DateTime		1806
	ValidUntil <VldUntil>	[0..1]	DateTime		1806
	SourceCurrency <SrcCcy>	[1..1]			1806
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1807
	NumericCode <NmrcCd>	[0..1]	Text		1807
	Decimal <Dcml>	[0..1]	Quantity		1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1807
	ApplicableBinRange <AplblBinRg>	[0..*]			1807
	LowerBin <LwrBin>	[1..1]	Text		1808
	HigherBin <HghrBin>	[1..1]	Text		1808
	OriginalAmount <OrgnlAmt>	[0..1]			1808
	ActualAmount <ActlAmt>	[0..1]	Amount		1808
	MinimumAmount <MinAmt>	[0..1]	Amount		1808
	MaximumAmount <MaxAmt>	[0..1]	Amount		1808
	CommissionDetails <ComssnDtls>	[0..*]			1809
	Amount <Amt>	[1..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	MarkUpDetails <MrkUpDtls>	[0..*]			1809
	Rate <Rate>	[1..1]	Rate		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1809

29.1.6.3.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

29.1.6.3.2 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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

29.1.6.3.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the card payment transaction.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.3.4 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction authorisation result.

Transaction <Tx> contains the following **CardPaymentTransaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1769
	TransactionIdentification <TxId>	[1..1]	±		1769
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1769
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1769
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1769
	InterchangeData <IntrchgData>	[0..1]	Text		1770
	TransactionDetails <TxDtls>	[1..1]			1770
	Currency <Ccy>	[0..1]	CodeSet	C1	1773
	TotalAmount <TtlAmt>	[1..1]	Amount		1773
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1773
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1773
	DetailedAmount <DtldAmt>	[0..1]	±		1773
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1774
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1774
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1774
	ValidityDate <VldtyDt>	[0..1]	Date		1774
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1774
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1775
	AccountType <AcctTp>	[0..1]	CodeSet		1775
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1776
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1778
	Conversion <Convs>	[0..1]			1778
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1780
	TargetCurrency <TrgtCcy>	[1..1]			1780
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780
	Decimal <Dcml>	[1..1]	Quantity		1780
	Name <Nm>	[0..1]	Text		1780
	ResultingAmount <RsltAmt>	[0..1]	Amount		1781
	ExchangeRate <XchgRate>	[1..1]	Rate		1781
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1781

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QuotationDate <QtnDt>	[0..1]	DateTime		1781
	ValidFrom <VldFr>	[0..1]	DateTime		1781
	ValidUntil <VldUntil>	[0..1]	DateTime		1781
	SourceCurrency <SrcCcy>	[1..1]			1781
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782
	Name <Nm>	[0..1]	Text		1782
	ApplicableBinRange <AplblBinRg>	[0..*]			1782
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783
	OriginalAmount <OrgnlAmt>	[0..1]			1783
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783
	CommissionDetails <ComssnDtls>	[0..*]			1784
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	MarkUpDetails <MrkUpDtls>	[0..*]			1784
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1784
	Instalment <Instlmt>	[0..*]	±		1785
	Recurring <Rcrng>	[0..1]	±		1786
	AggregationTransaction <AggtTx>	[0..1]	±		1787
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1787
	SaleItem <Saleitm>	[0..*]	±		1787
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1788
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1788
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1788
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1788

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1789
	AdditionalInformation <AddtlInf>	[0..*]			1789
	Identification <Id>	[1..1]	Text		1789
	Value <Val>	[0..1]	Binary		1789
	ProtectedValue <PrctcdVal>	[0..1]	±		1789
	Type <Tp>	[0..1]	Text		1790
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1790
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1790

29.1.6.3.4.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

29.1.6.3.4.2 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.6.3.4.3 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

29.1.6.3.4.4 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "Max140Text" on page 2380

29.1.6.3.4.5 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 2382

29.1.6.3.4.6 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

29.1.6.3.4.7 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Detail of the transaction transported.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1773
	TotalAmount <TtlAmt>	[1..1]	Amount		1773
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1773
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1773
	DetailedAmount <DtldAmt>	[0..1]	±		1773
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1774
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1774
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1774
	ValidityDate <VldtyDt>	[0..1]	Date		1774
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1774
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1775
	AccountType <AcctTp>	[0..1]	CodeSet		1775
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1776
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1778
	Conversion <Convs>	[0..1]			1778
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1780
	TargetCurrency <TrgtCcy>	[1..1]			1780
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780
	Decimal <Dcml>	[1..1]	Quantity		1780
	Name <Nm>	[0..1]	Text		1780
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1781
	ExchangeRate <XchgRate>	[1..1]	Rate		1781
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1781
	QuotationDate <QtnDt>	[0..1]	DateTime		1781
	ValidFrom <VldFr>	[0..1]	DateTime		1781
	ValidUntil <VldUntil>	[0..1]	DateTime		1781
	SourceCurrency <SrcCcy>	[1..1]			1781
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1782
	ApplicableBinRange <ApblBinRg>	[0..*]			1782
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783
	OriginalAmount <OrgnlAmt>	[0..1]			1783
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783
	CommissionDetails <ComssnDtls>	[0..*]			1784
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	MarkUpDetails <MrkUpDtls>	[0..*]			1784
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1784
	Instalment <Instlmt>	[0..*]	±		1785
	Recurring <Rcrng>	[0..1]	±		1786
	AggregationTransaction <AggtTx>	[0..1]	±		1787
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1787
	SaleItem <Saleitm>	[0..*]	±		1787
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1788
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1788
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1788
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1788
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1789
	AdditionalInformation <AddtlInf>	[0..*]			1789
	Identification <Id>	[1..1]	Text		1789
	Value <Val>	[0..1]	Binary		1789
	ProtectedValue <PrctcdVal>	[0..1]	±		1789
	Type <Tp>	[0..1]	Text		1790
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1790

29.1.6.3.4.7.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.3.4.7.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

29.1.6.3.4.7.5 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

29.1.6.3.4.7.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.8 InvoiceAmount <InvAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

29.1.6.3.4.7.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.6.3.4.7.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

29.1.6.3.4.7.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.6.3.4.7.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1778
	Conversion <Convs>	[0..1]			1778
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1780
	TargetCurrency <TrgtCcy>	[1..1]			1780
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780
	Decimal <Dcml>	[1..1]	Quantity		1780
	Name <Nm>	[0..1]	Text		1780
	ResultingAmount <RsltAmt>	[0..1]	Amount		1781
	ExchangeRate <XchgRate>	[1..1]	Rate		1781
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1781
	QuotationDate <QtnDt>	[0..1]	DateTime		1781
	ValidFrom <VldFr>	[0..1]	DateTime		1781
	ValidUntil <VldUntil>	[0..1]	DateTime		1781
	SourceCurrency <SrcCcy>	[1..1]			1781
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782
	Name <Nm>	[0..1]	Text		1782
	ApplicableBinRange <AplblBinRg>	[0..*]			1782
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783
	OriginalAmount <OrgnlAmt>	[0..1]			1783
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783
	CommissionDetails <ComssnDtls>	[0..*]			1784
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	MarkUpDetails <MrkUpDtls>	[0..*]			1784

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1784

29.1.6.3.4.7.13.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.3.4.7.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1780
	TargetCurrency <TrgtCcy>	[1..1]			1780
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780
	Decimal <Dcml>	[1..1]	Quantity		1780
	Name <Nm>	[0..1]	Text		1780
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1781
	ExchangeRate <XchgRate>	[1..1]	Rate		1781
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1781
	QuotationDate <QtnDt>	[0..1]	DateTime		1781
	ValidFrom <VldFr>	[0..1]	DateTime		1781
	ValidUntil <VldUntil>	[0..1]	DateTime		1781
	SourceCurrency <SrcCcy>	[1..1]			1781
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782
	Name <Nm>	[0..1]	Text		1782
	ApplicableBinRange <AplblBinRg>	[0..*]			1782
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783
	OriginalAmount <OrgnlAmt>	[0..1]			1783
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783
	CommissionDetails <ComssnDtls>	[0..*]			1784
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	MarkUpDetails <MrkUpDtls>	[0..*]			1784
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784
	DeclarationDetails <DclrtDtls>	[0..*]	±		1784

29.1.6.3.4.7.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

29.1.6.3.4.7.13.2.2 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	1780
	NumericCode <NmrcCd>	[1..1]	Text		1780
	Decimal <Dcml>	[1..1]	Quantity		1780
	Name <Nm>	[0..1]	Text		1780

29.1.6.3.4.7.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.3.4.7.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.3.4.7.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.3.4.7.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.3.4.7.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.13.2.4 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 2378

29.1.6.3.4.7.13.2.5 InvertedExchangeRate <NvrtdXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2378

29.1.6.3.4.7.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

29.1.6.3.4.7.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

29.1.6.3.4.7.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

29.1.6.3.4.7.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1782
	NumericCode <NmrcCd>	[0..1]	Text		1782
	Decimal <Dcml>	[0..1]	Quantity		1782
	Name <Nm>	[0..1]	Text		1782

29.1.6.3.4.7.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.3.4.7.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.3.4.7.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.3.4.7.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.3.4.7.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApplBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1783
	HigherBin <HghrBin>	[1..1]	Text		1783

29.1.6.3.4.7.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.3.4.7.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.3.4.7.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1783
	MinimumAmount <MinAmt>	[0..1]	Amount		1783
	MaximumAmount <MaxAmt>	[0..1]	Amount		1783

29.1.6.3.4.7.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784

29.1.6.3.4.7.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

29.1.6.3.4.7.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1784
	AdditionalInformation <AddtlInf>	[0..1]	Text		1784

29.1.6.3.4.7.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

29.1.6.3.4.7.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

29.1.6.3.4.7.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.6.3.4.7.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

29.1.6.3.4.7.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see ["RecurringTransaction6"](#) on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

29.1.6.3.4.7.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see ["AggregationTransaction3"](#) on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

29.1.6.3.4.7.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: ["Max10Text"](#) on page 2379

29.1.6.3.4.7.18 SaleItem <SaleItm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

29.1.6.3.4.7.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

29.1.6.3.4.7.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

29.1.6.3.4.7.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.6.3.4.7.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.6.3.4.7.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.4.7.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1789
	Value <Val>	[0..1]	Binary		1789
	ProtectedValue <PrctcdVal>	[0..1]	±		1789
	Type <Tp>	[0..1]	Text		1790

29.1.6.3.4.7.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

29.1.6.3.4.7.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

29.1.6.3.4.7.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.3.4.7.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

29.1.6.3.4.7.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

29.1.6.3.4.8 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant related information provided in the request.

Datatype: "[Max70Text](#)" on page 2384

29.1.6.3.5 TransactionResponse <TxRspn>

Presence: [1..1]

Definition: Response to the authorisation request from the acquirer.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction144** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			1793
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1793
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1794
	Response <Rspn>	[1..1]	CodeSet		1794
	ResponseReason <RspnRsn>	[0..1]	Text		1794
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1794
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1794
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		1794
	TMSTrigger <TMSTrggr>	[0..1]			1795
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1795
	TMSIdentification <TMSId>	[0..1]	Text		1795
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1795
	AllowedProductCode <AllwdPdctCd>	[0..*]			1795
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			1796
	ProductCode <PdctCd>	[1..1]	Text		1797
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1797
	AmountLimit <AmtLmt>	[0..1]	Amount		1797
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1797
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1797
	Balance <Bal>	[0..1]	±		1799
	ProtectedBalance <PrctcdBal>	[0..1]	±		1799
	Action <Actn>	[0..*]			1800
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1801
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		1803
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			1803
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1805
	TargetCurrency <TrgtCcy>	[1..1]			1805
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1805
	NumericCode <NmrcCd>	[1..1]	Text		1805
	Decimal <Dcml>	[1..1]	Quantity		1805
	Name <Nm>	[0..1]	Text		1806
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1806
	ExchangeRate <XchgRate>	[1..1]	Rate		1806
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1806
	QuotationDate <QtnDt>	[0..1]	DateTime		1806
	ValidFrom <VldFr>	[0..1]	DateTime		1806
	ValidUntil <VldUntil>	[0..1]	DateTime		1806
	SourceCurrency <SrcCcy>	[1..1]			1806
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1807
	NumericCode <NmrcCd>	[0..1]	Text		1807
	Decimal <Dcml>	[0..1]	Quantity		1807
	Name <Nm>	[0..1]	Text		1807
	ApplicableBinRange <AplblBinRg>	[0..*]			1807
	LowerBin <LwrBin>	[1..1]	Text		1808
	HigherBin <HghrBin>	[1..1]	Text		1808
	OriginalAmount <OrgnlAmt>	[0..1]			1808
	ActualAmount <ActlAmt>	[0..1]	Amount		1808
	MinimumAmount <MinAmt>	[0..1]	Amount		1808
	MaximumAmount <MaxAmt>	[0..1]	Amount		1808
	CommissionDetails <ComssnDtls>	[0..*]			1809
	Amount <Amt>	[1..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	MarkUpDetails <MrkUpDtls>	[0..*]			1809
	Rate <Rate>	[1..1]	Rate		1809

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1809

29.1.6.3.5.1 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]	±		1793
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1794
	Response <Rspn>	[1..1]	CodeSet		1794
	ResponseReason <RspnRsn>	[0..1]	Text		1794
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1794
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1794
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		1794
	TMSTrigger <TMSTrggr>	[0..1]			1795
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1795
	TMSIdentification <TMSId>	[0..1]	Text		1795
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1795

29.1.6.3.5.1.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

29.1.6.3.5.1.2 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		1794
	ResponseReason <RspnRsn>	[0..1]	Text		1794
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1794

29.1.6.3.5.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.1.6.3.5.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

29.1.6.3.5.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

29.1.6.3.5.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

29.1.6.3.5.1.4 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.3.5.1.5 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructs the point of interaction (POI) how to contact the host to initiate the maintenance of the terminal.

TMSTrigger <TMSTrggr> contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1795
	TMSIdentification <TMSId>	[0..1]	Text		1795
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1795

29.1.6.3.5.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: ["TMSContactLevel1Code"](#) on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

29.1.6.3.5.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: ["Max35Text"](#) on page 2382

29.1.6.3.5.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODateTime"](#) on page 2374

29.1.6.3.5.2 AllowedProductCode <AllwdPdctCd>

Presence: [0..*]

Definition: Product code which are allowed by the payment card.

AllowedProductCode <AllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796

29.1.6.3.5.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2384

29.1.6.3.5.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

29.1.6.3.5.3 NotAllowedProductCode <NotAllwdPdctCd>

Presence: [0..*]

Definition: Product code not allowed by the payment card.

NotAllowedProductCode <NotAllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1796
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1796

29.1.6.3.5.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2384

29.1.6.3.5.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

29.1.6.3.5.4 AdditionalAvailableProduct <AddtlAvlblPdct>

Presence: [0..*]

Definition: Products that may be added to the purchase after the authorisation.

AdditionalAvailableProduct <AddtlAvlblPdct> contains the following **Product5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		1797
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1797
	AmountLimit <AmtLmt>	[0..1]	Amount		1797
	QuantityLimit <QtyLmt>	[0..1]	Quantity		1797
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1797

29.1.6.3.5.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2384

29.1.6.3.5.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

29.1.6.3.5.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.5.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 2377

29.1.6.3.5.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2372

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.

CodeName	Name	Definition
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.

CodeName	Name	Definition
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

29.1.6.3.5.5 Balance <Bal>

Presence: [0..1]

Definition: Balance and currency code of the account, related to the payment.

Balance <Bal> contains the following elements (see "[AmountAndDirection93](#)" on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1744
	Currency <Ccy>	[1..1]	CodeSet	C1	1745
	Sign <Sgn>	[0..1]	Indicator		1745

29.1.6.3.5.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.6.3.5.7 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed by the POI (Point Of Interaction) system.

Action <Actn> contains the following **Action17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		1800
	MessageToPresent <MsgToPres>	[0..1]	±		1801
	RemoteAccess <RmotAccs>	[0..1]	±		1802
	Retry <Rtry>	[0..1]	±		1803
	TimeCondition <TmCond>	[0..1]	±		1803

29.1.6.3.5.7.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Type of action to be performed by the POI (Point Of Interaction) system.

Datatype: "ActionType15Code" on page 2315

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the

CodeName	Name	Definition
		ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

29.1.6.3.5.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.6.3.5.7.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2216 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

29.1.6.3.5.7.4 Retry <Rtry>

Presence: [0..1]

Definition: Definition of retry process if activation of an action fails.

Retry <Rtry> contains the following elements (see "[ProcessRetry3](#)" on page 2305 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2305
	MaximumNumber <MaxNb>	[0..1]	Quantity		2305
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2305

29.1.6.3.5.7.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2306 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2306
	EndTime <EndTm>	[0..1]	DateTime		2306
	Period <Prd>	[0..1]	Text		2306
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2306

29.1.6.3.5.8 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1805
	TargetCurrency <TrgtCcy>	[1..1]			1805
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1805
	NumericCode <NmrcCd>	[1..1]	Text		1805
	Decimal <Dcml>	[1..1]	Quantity		1805
	Name <Nm>	[0..1]	Text		1806
	ResultingAmount <RsltAmt>	[0..1]	Amount		1806
	ExchangeRate <XchgRate>	[1..1]	Rate		1806
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1806
	QuotationDate <QtnDt>	[0..1]	DateTime		1806
	ValidFrom <VldFr>	[0..1]	DateTime		1806
	ValidUntil <VldUntil>	[0..1]	DateTime		1806
	SourceCurrency <SrcCcy>	[1..1]			1806
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1807
	NumericCode <NmrcCd>	[0..1]	Text		1807
	Decimal <Dcml>	[0..1]	Quantity		1807
	Name <Nm>	[0..1]	Text		1807
	ApplicableBinRange <AplblBinRg>	[0..*]			1807
	LowerBin <LwrBin>	[1..1]	Text		1808
	HigherBin <HghrBin>	[1..1]	Text		1808
	OriginalAmount <OrgnlAmt>	[0..1]			1808
	ActualAmount <ActlAmt>	[0..1]	Amount		1808
	MinimumAmount <MinAmt>	[0..1]	Amount		1808
	MaximumAmount <MaxAmt>	[0..1]	Amount		1808
	CommissionDetails <ComssnDtls>	[0..*]			1809
	Amount <Amt>	[1..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809
	MarkUpDetails <MrkUpDtls>	[0..*]			1809
	Rate <Rate>	[1..1]	Rate		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1809

29.1.6.3.5.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

29.1.6.3.5.8.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1805
	NumericCode <NmrcCd>	[1..1]	Text		1805
	Decimal <Dcml>	[1..1]	Quantity		1805
	Name <Nm>	[0..1]	Text		1806

29.1.6.3.5.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.3.5.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.3.5.8.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.3.5.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.3.5.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.5.8.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2378

29.1.6.3.5.8.5 InvertedExchangeRate <NvrtedXchgRate>

Presence: [0..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the resulting amount into the original amount.

Datatype: "PercentageRate" on page 2378

29.1.6.3.5.8.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

29.1.6.3.5.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

29.1.6.3.5.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

29.1.6.3.5.8.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1807
	NumericCode <NmrcCd>	[0..1]	Text		1807
	Decimal <Dcml>	[0..1]	Quantity		1807
	Name <Nm>	[0..1]	Text		1807

29.1.6.3.5.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.3.5.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.3.5.8.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.3.5.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.3.5.8.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1808
	HigherBin <HghrBin>	[1..1]	Text		1808

29.1.6.3.5.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.3.5.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.3.5.8.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1808
	MinimumAmount <MinAmt>	[0..1]	Amount		1808
	MaximumAmount <MaxAmt>	[0..1]	Amount		1808

29.1.6.3.5.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.5.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.5.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.5.8.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809

29.1.6.3.5.8.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.3.5.8.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

29.1.6.3.5.8.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1809
	AdditionalInformation <AddtlInf>	[0..1]	Text		1809

29.1.6.3.5.8.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

29.1.6.3.5.8.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

29.1.6.3.5.8.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.6.4 CardPaymentDataSetTransaction52

Definition: Card payment transaction to be authorised in a batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1817
	Traceability <Tracblt>	[0..*]	±		1817
	Environment <Envt>	[1..1]	±	C9	1817
	Context <Cntxt>	[0..1]		C10	1823
	PaymentContext <PmtCntxt>	[0..1]			1826
	CardPresent <CardPres>	[0..1]	Indicator		1826
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1826
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1827
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1827
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1827
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1827
	BusinessArea <BizArea>	[0..1]	CodeSet		1828
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1828
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1828
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1829
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1829
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1830
	SaleContext <SaleCntxt>	[0..1]			1830
	SaleIdentification <SaleId>	[0..1]	Text		1831
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1831
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1832
	CashierIdentification <CshrId>	[0..1]	Text		1832
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1832
	ShiftNumber <ShftNb>	[0..1]	Text		1832
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1832
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1832
	InvoiceNumber <InvcNb>	[0..1]	Text		1832
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1833
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1833
	CommonName <CmonNm>	[1..1]	Text		1833
	Address <Adr>	[0..1]	Text		1833

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryCode <CtryCd>	[1..1]	CodeSet		1833
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1833
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1833
	SplitPayment <SpltPmt>	[0..1]	Indicator		1834
	RemainingAmount <RmngAmt>	[0..1]	Amount		1834
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1834
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1834
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1834
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1835
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1835
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1835
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1836
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1836
	SystemToNotify <SysToNtfy>	[0..1]	Text		1836
	Debtor <Dbtr>	[0..1]	±		1837
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1838
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1838
	Creditor <Cdtr>	[0..1]	±		1838
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1839
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1840
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1840
	Debtor <Dbtr>	[0..1]	±		1841
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1842
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1843
	Creditor <Cdtr>	[0..1]	±		1843
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1844
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1845
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1845
	MandateIdentification <MndtId>	[1..1]	Text		1846
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1846
	MandateImage <MndtImg>	[0..1]	Binary		1846

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1846
	Transaction <Tx>	[1..1]			1846
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1850
	TransactionType <TxTp>	[0..1]	CodeSet		1851
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1851
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1852
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1853
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1853
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1853
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1853
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1853
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1853
	TransactionIdentification <TxId>	[1..1]	±		1854
	OriginalTransaction <OrgnlTx>	[0..1]	±		1854
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1854
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1855
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1855
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1855
	TransactionDetails <TxDtls>	[1..1]			1855
	Currency <Ccy>	[0..1]	CodeSet	C1	1858
	TotalAmount <TtlAmt>	[1..1]	Amount		1858
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1858
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1858
	DetailedAmount <DtldAmt>	[0..1]	±		1858
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1859
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1859
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1859
	ValidityDate <VldtyDt>	[0..1]	Date		1859
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1859
	UnattendedLevelCategory <UatnddLvCtgy>	[0..1]	Text		1860
	AccountType <AcctTp>	[0..1]	CodeSet		1860

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1861
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1863
	Conversion <Convs>	[0..1]			1863
	CurrencyConversionIdentification <CcyConvslid>	[0..1]	Text		1865
	TargetCurrency <TrgtCcy>	[1..1]			1865
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	ResultingAmount <RsltAmt>	[0..1]	Amount		1866
	ExchangeRate <XchgRate>	[1..1]	Rate		1866
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1866
	QuotationDate <QtnDt>	[0..1]	DateTime		1866
	ValidFrom <VldFr>	[0..1]	DateTime		1866
	ValidUntil <VldUntil>	[0..1]	DateTime		1866
	SourceCurrency <SrcCcy>	[1..1]			1866
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867
	Name <Nm>	[0..1]	Text		1867
	ApplicableBinRange <ApblBinRg>	[0..*]			1867
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868
	OriginalAmount <OrgnlAmt>	[0..1]			1868
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868
	CommissionDetails <ComssnDtls>	[0..*]			1869
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	MarkUpDetails <MrkUpDtls>	[0..*]			1869

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1869
	Instalment <Instlmt>	[0..*]	±		1870
	Recurring <Rcrng>	[0..1]	±		1871
	AggregationTransaction <AggtnTx>	[0..1]	±		1872
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1872
	SaleItem <Saleitm>	[0..*]	±		1872
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1873
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1873
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1873
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1873
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1874
	AdditionalInformation <AddtlInf>	[0..*]			1874
	Identification <Id>	[1..1]	Text		1874
	Value <Val>	[0..1]	Binary		1874
	ProtectedValue <PrctdVal>	[0..1]	±		1874
	Type <Tp>	[0..1]	Text		1875
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1875
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1875
	AccountFrom <AcctFr>	[0..1]			1875
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1876
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1877
	AccountName <AcctNm>	[0..1]	Text		1877
	AccountOwner <AcctOwnr>	[0..1]			1878
	Name <Nm>	[1..1]	Text		1878
	Address <Adr>	[1..1]	±		1878
	Currency <Ccy>	[0..1]	CodeSet	C1	1878
	AccountIdentifier <Acctldr>	[0..1]			1879
{Or	Card <Card>	[1..1]	Text		1879
Or	MSISDN <MSISDN>	[1..1]	Text		1879

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		1879
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1879
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1880
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1880
Or	Domestic <Dmst>	[1..1]	Text		1880
Or}	Other <Othr>	[1..1]	Text		1880
	Servicer <Svcr>	[0..1]			1880
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1881
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1881
	AccountTo <AcctTo>	[0..1]			1881
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1882
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1883
	AccountName <AcctNm>	[0..1]	Text		1883
	AccountOwner <AcctOwnr>	[0..1]			1884
	Name <Nm>	[1..1]	Text		1884
	Address <Adr>	[1..1]	±		1884
	Currency <Ccy>	[0..1]	CodeSet	C1	1884
	AccountIdentifier <AcctIdr>	[0..1]			1885
{Or	Card <Card>	[1..1]	Text		1885
Or	MSISDN <MSISDN>	[1..1]	Text		1885
Or	EMail <EMail>	[1..1]	Text		1885
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1885
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1886
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1886
Or	Domestic <Dmst>	[1..1]	Text		1886
Or}	Other <Othr>	[1..1]	Text		1886
	Servicer <Svcr>	[0..1]			1886
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1887
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1887
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1887

29.1.6.4.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

29.1.6.4.2 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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

29.1.6.4.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the card payment transaction to authorise.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.4.4 Context <Cntxt>

Presence: [0..1]

Definition: Context in which the transaction is performed (payment and sale).

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1826
	CardPresent <CardPres>	[0..1]	Indicator		1826
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1826
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1827
	AttendanceContext <AttdnctCntxt>	[0..1]	CodeSet		1827
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1827
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1827
	BusinessArea <BizArea>	[0..1]	CodeSet		1828
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1828
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1828
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1829
	FallbackIndicator <FlfbckInd>	[0..1]	CodeSet		1829
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1830
	SaleContext <SaleCntxt>	[0..1]			1830
	SaleIdentification <SaleId>	[0..1]	Text		1831
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1831
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1832
	CashierIdentification <CshrlId>	[0..1]	Text		1832
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1832
	ShiftNumber <ShftNb>	[0..1]	Text		1832
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1832
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1832
	InvoiceNumber <InvcNb>	[0..1]	Text		1832
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1833
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1833
	CommonName <CmonNm>	[1..1]	Text		1833
	Address <Adr>	[0..1]	Text		1833
	CountryCode <CtryCd>	[1..1]	CodeSet		1833
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1833
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1833
	SplitPayment <Spltpmt>	[0..1]	Indicator		1834

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1834
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1834
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1834
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1834
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1835
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1835
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1835
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1836
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1836
	SystemToNotify <SysToNtfy>	[0..1]	Text		1836
	Debtor <Dbtr>	[0..1]	±		1837
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1838
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1838
	Creditor <Cdtr>	[0..1]	±		1838
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1839
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1840
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1840
	Debtor <Dbtr>	[0..1]	±		1841
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1842
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1843
	Creditor <Cdtr>	[0..1]	±		1843
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1844
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1845
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1845
	MandateIdentification <MndtId>	[1..1]	Text		1846
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1846
	MandateImage <MndtImg>	[0..1]	Binary		1846
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1846

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.4.4.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1826
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1826
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1827
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1827
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1827
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1827
	BusinessArea <BizArea>	[0..1]	CodeSet		1828
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1828
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1828
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1829
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1829
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1830

29.1.6.4.4.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: ["AttendanceContext1Code"](#) on page 2326

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

29.1.6.4.4.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: ["TransactionEnvironment1Code"](#) on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

29.1.6.4.4.1.6 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 2370

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.

CodeName	Name	Definition
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

29.1.6.4.4.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

29.1.6.4.4.1.8 AttendantMessageCapable <AttdntMsgCpbl>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.1.9 AttendantLanguage <AttdntLang>

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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.4.4.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.6.4.4.1.11 FallbackIndicator <FlilbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

29.1.6.4.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

29.1.6.4.4.2 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		1831
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1831
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1832
	CashierIdentification <CshrId>	[0..1]	Text		1832
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1832
	ShiftNumber <ShiftNb>	[0..1]	Text		1832
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1832
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1832
	InvoiceNumber <InvNb>	[0..1]	Text		1832
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1833
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1833
	CommonName <CmonNm>	[1..1]	Text		1833
	Address <Adr>	[0..1]	Text		1833
	CountryCode <CtryCd>	[1..1]	CodeSet		1833
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1833
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1833
	SplitPayment <SplitPmt>	[0..1]	Indicator		1834
	RemainingAmount <RmngAmt>	[0..1]	Amount		1834
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1834
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1834
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1834
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1835
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1835

29.1.6.4.4.2.1 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 2382

29.1.6.4.4.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.4.4.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

29.1.6.4.4.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.2.8 PurchaseOrderNumber <PurchsOrdRnb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.2.11 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		1833
	Address <Adr>	[0..1]	Text		1833
	CountryCode <CtryCd>	[1..1]	CodeSet		1833
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1833
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1833

29.1.6.4.4.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

29.1.6.4.4.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

29.1.6.4.4.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

29.1.6.4.4.2.11.4 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 2385

29.1.6.4.4.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.2.13 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 2313

29.1.6.4.4.2.14 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.6.4.4.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

29.1.6.4.4.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

29.1.6.4.4.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1836
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1836
	SystemToNotify <SysToNtfy>	[0..1]	Text		1836
	Debtor <Dbtr>	[0..1]	±		1837
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1838
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1838
	Creditor <Cdtr>	[0..1]	±		1838
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1839
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1840

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.4.4.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.4.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

29.1.6.4.4.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.4.4.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.4.4.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.4.4.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.4.4.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.4.4.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

29.1.6.4.4.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1841
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1842
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1843
	Creditor <Cdtr>	[0..1]	±		1843
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1844
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1845
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1845
	MandateIdentification <MndtId>	[1..1]	Text		1846
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1846
	MandateImage <MndtImg>	[0..1]	Binary		1846
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1846

29.1.6.4.4.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.4.4.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.4.4.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.4.4.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.4.4.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

```
Following Must be True
    /Identification Must be present
Or    /Proxy Must be present
```

29.1.6.4.4.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.4.4.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1846
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1846
	MandateImage <MndtImg>	[0..1]	Binary		1846
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1846

29.1.6.4.4.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

29.1.6.4.4.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

29.1.6.4.4.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

29.1.6.4.4.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.4.5 Transaction <Tx>

Presence: [1..1]

Definition: Card payment transaction to authorise.

Transaction <Tx> contains the following **CardPaymentTransaction139** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[1..1]	Indicator		1850
	TransactionType <TxTp>	[0..1]	CodeSet		1851
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1851
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1852
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1853
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1853
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1853
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1853
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1853
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1853
	TransactionIdentification <TxId>	[1..1]	±		1854
	OriginalTransaction <OrgnlTx>	[0..1]	±		1854
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1854
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1855
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1855
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1855
	TransactionDetails <TxDtls>	[1..1]			1855
	Currency <Ccy>	[0..1]	CodeSet	C1	1858
	TotalAmount <TtlAmt>	[1..1]	Amount		1858
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1858
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1858
	DetailedAmount <DtldAmt>	[0..1]	±		1858
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1859
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1859
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1859
	ValidityDate <VldtyDt>	[0..1]	Date		1859
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1859
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		1860
	AccountType <AcctTp>	[0..1]	CodeSet		1860
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1861
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1863

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Conversion <Convs>	[0..1]			1863
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1865
	TargetCurrency <TrgtCcy>	[1..1]			1865
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	ResultingAmount <RsltAmt>	[0..1]	Amount		1866
	ExchangeRate <XchgRate>	[1..1]	Rate		1866
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1866
	QuotationDate <QtnDt>	[0..1]	DateTime		1866
	ValidFrom <VldFr>	[0..1]	DateTime		1866
	ValidUntil <VldUntil>	[0..1]	DateTime		1866
	SourceCurrency <SrcCcy>	[1..1]			1866
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867
	Name <Nm>	[0..1]	Text		1867
	ApplicableBinRange <AplblBinRg>	[0..*]			1867
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868
	OriginalAmount <OrgnlAmt>	[0..1]			1868
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868
	CommissionDetails <ComssnDtls>	[0..*]			1869
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	MarkUpDetails <MrkUpDtls>	[0..*]			1869
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1869
	Instalment <Instlmt>	[0..*]	±		1870
	Recurring <Rcrng>	[0..1]	±		1871
	AggregationTransaction <AggtnTx>	[0..1]	±		1872
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1872
	SaleItem <SaleItm>	[0..*]	±		1872
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1873
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1873
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1873
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1873
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1874
	AdditionalInformation <AddtlInf>	[0..*]			1874
	Identification <Id>	[1..1]	Text		1874
	Value <Val>	[0..1]	Binary		1874
	ProtectedValue <PrtctdVal>	[0..1]	±		1874
	Type <Tp>	[0..1]	Text		1875
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1875
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1875
	AccountFrom <AcctFr>	[0..1]			1875
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1876
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1877
	AccountName <AcctNm>	[0..1]	Text		1877
	AccountOwner <AcctOwnr>	[0..1]			1878
	Name <Nm>	[1..1]	Text		1878
	Address <Adr>	[1..1]	±		1878
	Currency <Ccy>	[0..1]	CodeSet	C1	1878
	AccountIdentifier <AcctIdr>	[0..1]			1879
{Or	Card <Card>	[1..1]	Text		1879
Or	MSISDN <MSISDN>	[1..1]	Text		1879
Or	EMail <EMail>	[1..1]	Text		1879
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1879

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1880
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1880
Or	Domestic <Dmst>	[1..1]	Text		1880
Or}	Other <Othr>	[1..1]	Text		1880
	Servicer <Svcr>	[0..1]			1880
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1881
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1881
	AccountTo <AcctTo>	[0..1]			1881
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1882
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1883
	AccountName <AcctNm>	[0..1]	Text		1883
	AccountOwner <AcctOwnr>	[0..1]			1884
	Name <Nm>	[1..1]	Text		1884
	Address <Adr>	[1..1]	±		1884
	Currency <Ccy>	[0..1]	CodeSet	C1	1884
	AccountIdentifier <AcctIdr>	[0..1]			1885
{Or	Card <Card>	[1..1]	Text		1885
Or	MSISDN <MSISDN>	[1..1]	Text		1885
Or	EMail <EMail>	[1..1]	Text		1885
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1885
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1886
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1886
Or	Domestic <Dmst>	[1..1]	Text		1886
Or}	Other <Othr>	[1..1]	Text		1886
	Servicer <Svcr>	[0..1]			1886
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1887
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1887
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1887

29.1.6.4.5.1 TransactionCapture <TxCaptr>

Presence: [1..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.5.2 TransactionType <TxTp>

Presence: [0..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType12Code" on page 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

29.1.6.4.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.1.6.4.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

29.1.6.4.5.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.5.6 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 2385](#)

29.1.6.4.5.7 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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: ["Max35Text" on page 2382](#)

29.1.6.4.5.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: ["Max35Text" on page 2382](#)

29.1.6.4.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: ["Max35Text" on page 2382](#)

29.1.6.4.5.11 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.6.4.5.12 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

29.1.6.4.5.13 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

29.1.6.4.5.14 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 2382

29.1.6.4.5.15 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 2380

29.1.6.4.5.16 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 2380

29.1.6.4.5.17 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1858
	TotalAmount <TtlAmt>	[1..1]	Amount		1858
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1858
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1858
	DetailedAmount <DtldAmt>	[0..1]	±		1858
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1859
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1859
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1859
	ValidityDate <VldtyDt>	[0..1]	Date		1859
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1859
	UnattendedLevelCategory <UatnddLvlCtgy>	[0..1]	Text		1860
	AccountType <AcctTp>	[0..1]	CodeSet		1860
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1861
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1863
	Conversion <Convs>	[0..1]			1863
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1865
	TargetCurrency <TrgtCcy>	[1..1]			1865
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1866
	ExchangeRate <XchgRate>	[1..1]	Rate		1866
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1866
	QuotationDate <QtnDt>	[0..1]	DateTime		1866
	ValidFrom <VldFr>	[0..1]	DateTime		1866
	ValidUntil <VldUntil>	[0..1]	DateTime		1866
	SourceCurrency <SrcCcy>	[1..1]			1866
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1867
	ApplicableBinRange <ApblBinRg>	[0..*]			1867
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868
	OriginalAmount <OrgnlAmt>	[0..1]			1868
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868
	CommissionDetails <ComssnDtls>	[0..*]			1869
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	MarkUpDetails <MrkUpDtls>	[0..*]			1869
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	DeclarationDetails <DclrtDtls>	[0..*]	±		1869
	Instalment <Instlmt>	[0..*]	±		1870
	Recurring <Rcrng>	[0..1]	±		1871
	AggregationTransaction <AggtTx>	[0..1]	±		1872
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1872
	SaleItem <Saleitm>	[0..*]	±		1872
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1873
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1873
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1873
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1873
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1874
	AdditionalInformation <AddtlInf>	[0..*]			1874
	Identification <Id>	[1..1]	Text		1874
	Value <Val>	[0..1]	Binary		1874
	ProtectedValue <PrctcdVal>	[0..1]	±		1874
	Type <Tp>	[0..1]	Text		1875
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1875

29.1.6.4.5.17.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.4.5.17.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

29.1.6.4.5.17.5 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

29.1.6.4.5.17.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

29.1.6.4.5.17.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.6.4.5.17.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

29.1.6.4.5.17.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.6.4.5.17.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1863
	Conversion <Convs>	[0..1]			1863
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1865
	TargetCurrency <TrgtCcy>	[1..1]			1865
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	ResultingAmount <RsltAmt>	[0..1]	Amount		1866
	ExchangeRate <XchgRate>	[1..1]	Rate		1866
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1866
	QuotationDate <QtnDt>	[0..1]	DateTime		1866
	ValidFrom <VldFr>	[0..1]	DateTime		1866
	ValidUntil <VldUntil>	[0..1]	DateTime		1866
	SourceCurrency <SrcCcy>	[1..1]			1866
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867
	Name <Nm>	[0..1]	Text		1867
	ApplicableBinRange <AplblBinRg>	[0..*]			1867
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868
	OriginalAmount <OrgnlAmt>	[0..1]			1868
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868
	CommissionDetails <ComssnDtls>	[0..*]			1869
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	MarkUpDetails <MrkUpDtls>	[0..*]			1869

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1869

29.1.6.4.5.17.13.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.4.5.17.13.2 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1865
	TargetCurrency <TrgtCcy>	[1..1]			1865
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1866
	ExchangeRate <XchgRate>	[1..1]	Rate		1866
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1866
	QuotationDate <QtnDt>	[0..1]	DateTime		1866
	ValidFrom <VldFr>	[0..1]	DateTime		1866
	ValidUntil <VldUntil>	[0..1]	DateTime		1866
	SourceCurrency <SrcCcy>	[1..1]			1866
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867
	Name <Nm>	[0..1]	Text		1867
	ApplicableBinRange <AplblBinRg>	[0..*]			1867
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868
	OriginalAmount <OrgnlAmt>	[0..1]			1868
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868
	CommissionDetails <ComssnDtls>	[0..*]			1869
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	MarkUpDetails <MrkUpDtls>	[0..*]			1869
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869
	DeclarationDetails <DclrtDtls>	[0..*]	±		1869

29.1.6.4.5.17.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

29.1.6.4.5.17.13.2.2 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	1865
	NumericCode <NmrcCd>	[1..1]	Text		1865
	Decimal <Dcml>	[1..1]	Quantity		1865
	Name <Nm>	[0..1]	Text		1865

29.1.6.4.5.17.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.4.5.17.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.4.5.17.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.4.5.17.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.4.5.17.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.13.2.4 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 2378

29.1.6.4.5.17.13.2.5 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 2378

29.1.6.4.5.17.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

29.1.6.4.5.17.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

29.1.6.4.5.17.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

29.1.6.4.5.17.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1867
	NumericCode <NmrcCd>	[0..1]	Text		1867
	Decimal <Dcml>	[0..1]	Quantity		1867
	Name <Nm>	[0..1]	Text		1867

29.1.6.4.5.17.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.4.5.17.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.4.5.17.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.4.5.17.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.4.5.17.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1868
	HigherBin <HghrBin>	[1..1]	Text		1868

29.1.6.4.5.17.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.4.5.17.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.4.5.17.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1868
	MinimumAmount <MinAmt>	[0..1]	Amount		1868
	MaximumAmount <MaxAmt>	[0..1]	Amount		1868

29.1.6.4.5.17.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869

29.1.6.4.5.17.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

29.1.6.4.5.17.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1869
	AdditionalInformation <AddtlInf>	[0..1]	Text		1869

29.1.6.4.5.17.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

29.1.6.4.5.17.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

29.1.6.4.5.17.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.6.4.5.17.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

29.1.6.4.5.17.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

29.1.6.4.5.17.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Lab>	[0..1]	Text		2088

29.1.6.4.5.17.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

29.1.6.4.5.17.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

29.1.6.4.5.17.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

29.1.6.4.5.17.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

29.1.6.4.5.17.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.6.4.5.17.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.6.4.5.17.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.4.5.17.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1874
	Value <Val>	[0..1]	Binary		1874
	ProtectedValue <PrctcdVal>	[0..1]	±		1874
	Type <Tp>	[0..1]	Text		1875

29.1.6.4.5.17.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

29.1.6.4.5.17.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

29.1.6.4.5.17.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.4.5.17.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

29.1.6.4.5.17.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

29.1.6.4.5.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "[Max70Text](#)" on page 2384

29.1.6.4.5.19 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		1876
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1877
	AccountName <AcctNm>	[0..1]	Text		1877
	AccountOwner <AcctOwnr>	[0..1]			1878
	Name <Nm>	[1..1]	Text		1878
	Address <Adr>	[1..1]	±		1878
	Currency <Ccy>	[0..1]	CodeSet	C1	1878
	AccountIdentifier <AcctIdr>	[0..1]			1879
{Or	Card <Card>	[1..1]	Text		1879
Or	MSISDN <MSISDN>	[1..1]	Text		1879
Or	EMail <EMail>	[1..1]	Text		1879
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1879
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1880
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1880
Or	Domestic <Dmst>	[1..1]	Text		1880
Or}	Other <Othr>	[1..1]	Text		1880
	Servicer <Svcr>	[0..1]			1880
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1881
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1881

29.1.6.4.5.19.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

29.1.6.4.5.19.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.6.4.5.19.3 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 2384

29.1.6.4.5.19.4 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		1878
	Address <Adr>	[1..1]	±		1878

29.1.6.4.5.19.4.1 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 2384

29.1.6.4.5.19.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

29.1.6.4.5.19.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.4.5.19.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

Definition: Unique identifier of the account, as assigned by the account servicer.

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1879
Or	MSISDN <MSISDN>	[1..1]	Text		1879
Or	EMail <EMail>	[1..1]	Text		1879
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1879
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1880
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1880
Or	Domestic <Dmst>	[1..1]	Text		1880
Or}	Other <Othr>	[1..1]	Text		1880

29.1.6.4.5.19.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

29.1.6.4.5.19.6.2 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 2380

29.1.6.4.5.19.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

29.1.6.4.5.19.6.4 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: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

29.1.6.4.5.19.6.5 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 2375

29.1.6.4.5.19.6.6 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 2376

29.1.6.4.5.19.6.7 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 2382

29.1.6.4.5.19.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

29.1.6.4.5.19.7 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	C3	1881
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1881

29.1.6.4.5.19.7.1 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: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

29.1.6.4.5.19.7.2 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 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

29.1.6.4.5.20 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		1882
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		1883
	AccountName <AcctNm>	[0..1]	Text		1883
	AccountOwner <AcctOwnr>	[0..1]			1884
	Name <Nm>	[1..1]	Text		1884
	Address <Adr>	[1..1]	±		1884
	Currency <Ccy>	[0..1]	CodeSet	C1	1884
	AccountIdentifier <AcctIdr>	[0..1]			1885
{Or	Card <Card>	[1..1]	Text		1885
Or	MSISDN <MSISDN>	[1..1]	Text		1885
Or	EMail <EMail>	[1..1]	Text		1885
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1885
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1886
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1886
Or	Domestic <Dmst>	[1..1]	Text		1886
Or}	Other <Othr>	[1..1]	Text		1886
	Servicer <Svcr>	[0..1]			1886
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	1887
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1887

29.1.6.4.5.20.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

29.1.6.4.5.20.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.6.4.5.20.3 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 2384

29.1.6.4.5.20.4 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		1884
	Address <Adr>	[1..1]	±		1884

29.1.6.4.5.20.4.1 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 2384

29.1.6.4.5.20.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

29.1.6.4.5.20.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.4.5.20.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

Definition: Unique identifier of the account, as assigned by the account servicer.

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		1885
Or	MSISDN <MSISDN>	[1..1]	Text		1885
Or	EMail <EMail>	[1..1]	Text		1885
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	1885
Or	BBAN <BBAN>	[1..1]	IdentifierSet		1886
Or	UPIC <UPIC>	[1..1]	IdentifierSet		1886
Or	Domestic <Dmst>	[1..1]	Text		1886
Or}	Other <Othr>	[1..1]	Text		1886

29.1.6.4.5.20.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

29.1.6.4.5.20.6.2 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 2380

29.1.6.4.5.20.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

29.1.6.4.5.20.6.4 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: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

29.1.6.4.5.20.6.5 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 2375

29.1.6.4.5.20.6.6 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 2376

29.1.6.4.5.20.6.7 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 2382

29.1.6.4.5.20.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

29.1.6.4.5.20.7 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	C3	1887
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		1887

29.1.6.4.5.20.7.1 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: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

29.1.6.4.5.20.7.2 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 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

29.1.6.4.5.21 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

29.1.6.5 CardPaymentDataSetTransaction50

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		1891
	Traceability <Tracblt>	[0..*]	±		1891
	Environment <Envt>	[1..1]	±	C9	1891
	Context <Cntxt>	[0..1]		C10	1897
	PaymentContext <PmtCntxt>	[0..1]			1900
	CardPresent <CardPres>	[0..1]	Indicator		1900
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1900
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1901
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1901
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1901
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1901
	BusinessArea <BizArea>	[0..1]	CodeSet		1902
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1902
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1902
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1903
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1903
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1904
	SaleContext <SaleCntxt>	[0..1]			1904
	SaleIdentification <SaleId>	[0..1]	Text		1905
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1905
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1906
	CashierIdentification <CshrId>	[0..1]	Text		1906
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1906
	ShiftNumber <ShftNb>	[0..1]	Text		1906
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1906
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1906
	InvoiceNumber <InvNb>	[0..1]	Text		1906
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1907
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1907
	CommonName <CmonNm>	[1..1]	Text		1907
	Address <Adr>	[0..1]	Text		1907

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryCode <CtryCd>	[1..1]	CodeSet		1907
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1907
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1907
	SplitPayment <SpltPmt>	[0..1]	Indicator		1908
	RemainingAmount <RmngAmt>	[0..1]	Amount		1908
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1908
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1908
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1908
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1909
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1909
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1909
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1910
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1910
	SystemToNotify <SysToNtfy>	[0..1]	Text		1910
	Debtor <Dbtr>	[0..1]	±		1911
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1912
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1912
	Creditor <Cdtr>	[0..1]	±		1912
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1913
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1914
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1914
	Debtor <Dbtr>	[0..1]	±		1915
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1916
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1917
	Creditor <Cdtr>	[0..1]	±		1917
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1918
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1919
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1919
	MandateIdentification <MndtId>	[1..1]	Text		1920
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1920
	MandateImage <MndtImg>	[0..1]	Binary		1920

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1920
	Transaction <Tx>	[1..1]			1920
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1922
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1922
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1922
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1922
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1922
	TransactionIdentification <TxId>	[1..1]	±		1922
	OriginalTransaction <OrgnlTx>	[0..1]	±		1923
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1923
	Reversal <Rvsl>	[0..1]	Indicator		1924
	FailureReason <FailrRsn>	[0..*]	CodeSet		1924
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1925
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1925
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1925
	InterchangeData <IntrchgngData>	[0..1]	Text		1925
	TransactionDetails <TxDtls>	[1..1]			1925
	Currency <Ccy>	[0..1]	CodeSet	C1	1925
	TotalAmount <TtlAmt>	[1..1]	Amount		1926
	ValidityDate <VldtyDt>	[0..1]	Date		1926
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1926
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1926
	AuthorisationResult <AuthstnRslt>	[0..1]			1926
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1927
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1927
	Response <Rspn>	[1..1]	CodeSet		1928
	ResponseReason <RspnRsn>	[0..1]	Text		1928
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1928
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1928
	TMSTrigger <TMSTrggr>	[0..1]			1928
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1928

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSIdentification <TMSId>	[0..1]	Text		1929
	TMSContactDateTime <TMSctctDtTm>	[0..1]	DateTime		1929
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1929

29.1.6.5.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

29.1.6.5.2 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 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

29.1.6.5.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the cancelled transaction captured in batch.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrhdlrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.5.4 Context <Cntxt>

Presence: [0..1]

Definition: Context in which the transaction is performed (payment and sale).

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1900
	CardPresent <CardPres>	[0..1]	Indicator		1900
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1900
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1901
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1901
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1901
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1901
	BusinessArea <BizArea>	[0..1]	CodeSet		1902
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1902
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1902
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1903
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1903
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1904
	SaleContext <SaleCntxt>	[0..1]			1904
	SaleIdentification <SaleId>	[0..1]	Text		1905
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1905
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1906
	CashierIdentification <CshrId>	[0..1]	Text		1906
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1906
	ShiftNumber <ShftNb>	[0..1]	Text		1906
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1906
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1906
	InvoiceNumber <InvNb>	[0..1]	Text		1906
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1907
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1907
	CommonName <CmonNm>	[1..1]	Text		1907
	Address <Adr>	[0..1]	Text		1907
	CountryCode <CtryCd>	[1..1]	CodeSet		1907
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1907
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1907
	SplitPayment <SpltPmt>	[0..1]	Indicator		1908

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1908
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1908
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1908
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1908
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1909
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1909
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1909
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1910
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1910
	SystemToNotify <SysToNtfy>	[0..1]	Text		1910
	Debtor <Dbtr>	[0..1]	±		1911
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1912
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1912
	Creditor <Cdtr>	[0..1]	±		1912
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1913
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1914
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1914
	Debtor <Dbtr>	[0..1]	±		1915
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1916
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1917
	Creditor <Cdtr>	[0..1]	±		1917
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1918
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1919
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1919
	MandateIdentification <MndtId>	[1..1]	Text		1920
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1920
	MandateImage <MndtImg>	[0..1]	Binary		1920
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1920

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.5.4.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1900
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1900
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1901
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1901
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1901
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1901
	BusinessArea <BizArea>	[0..1]	CodeSet		1902
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1902
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1902
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1903
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1903
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1904

29.1.6.5.4.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.1.4 AttendanceContext <AttdncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

29.1.6.5.4.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

29.1.6.5.4.1.6 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 2370

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.

CodeName	Name	Definition
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

29.1.6.5.4.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

29.1.6.5.4.1.8 AttendantMessageCapable <AttdntMsgCpbl>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.1.9 AttendantLanguage <AttdntLang>

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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.5.4.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.6.5.4.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

29.1.6.5.4.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

29.1.6.5.4.2 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		1905
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1905
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1906
	CashierIdentification <CshrId>	[0..1]	Text		1906
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1906
	ShiftNumber <ShiftNb>	[0..1]	Text		1906
	CustomerOrderRequestFlag <CstmrOrdrrReqFlg>	[0..1]	Indicator		1906
	PurchaseOrderNumber <PurchsOrdrrNb>	[0..1]	Text		1906
	InvoiceNumber <InvNb>	[0..1]	Text		1906
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1907
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1907
	CommonName <CmonNm>	[1..1]	Text		1907
	Address <Adr>	[0..1]	Text		1907
	CountryCode <CtryCd>	[1..1]	CodeSet		1907
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1907
	RegisteredIdentifier <Regdldr>	[1..1]	Text		1907
	SplitPayment <Spltpmt>	[0..1]	Indicator		1908
	RemainingAmount <RmngAmt>	[0..1]	Amount		1908
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1908
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1908
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1908
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1909
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1909

29.1.6.5.4.2.1 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 2382

29.1.6.5.4.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.5.4.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

29.1.6.5.4.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.2.11 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		1907
	Address <Adr>	[0..1]	Text		1907
	CountryCode <CtryCd>	[1..1]	CodeSet		1907
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1907
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1907

29.1.6.5.4.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

29.1.6.5.4.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

29.1.6.5.4.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

29.1.6.5.4.2.11.4 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 2385

29.1.6.5.4.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.2.13 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 2313

29.1.6.5.4.2.14 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.6.5.4.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

29.1.6.5.4.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

29.1.6.5.4.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1910
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1910
	SystemToNotify <SysToNtfy>	[0..1]	Text		1910
	Debtor <Dbtr>	[0..1]	±		1911
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1912
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1912
	Creditor <Cdtr>	[0..1]	±		1912
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1913
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1914

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.5.4.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.4.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

29.1.6.5.4.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.5.4.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.5.4.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

29.1.6.5.4.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.5.4.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.5.4.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

29.1.6.5.4.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1915
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1916
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1917
	Creditor <Cdtr>	[0..1]	±		1917
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1918
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1919
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1919
	MandateIdentification <MndtId>	[1..1]	Text		1920
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1920
	MandateImage <MndtImg>	[0..1]	Binary		1920
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1920

29.1.6.5.4.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.5.4.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.5.4.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.5.4.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.5.4.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.5.4.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.5.4.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1920
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1920
	MandateImage <MndtImg>	[0..1]	Binary		1920
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1920

29.1.6.5.4.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

29.1.6.5.4.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

29.1.6.5.4.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

29.1.6.5.4.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.5.5 Transaction <Tx>

Presence: [1..1]

Definition: Card payment cancellation transaction between an acceptor and an acquirer.

Transaction <Tx> contains the following **CardPaymentTransaction143** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1922
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1922
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1922
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1922
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1922
	TransactionIdentification <TxId>	[1..1]	±		1922
	OriginalTransaction <OrgnlTx>	[0..1]	±		1923
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1923
	Reversal <Rvs/ >	[0..1]	Indicator		1924
	FailureReason <FailrRsn>	[0..*]	CodeSet		1924
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1925
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1925
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1925
	InterchangeData <IntrchgData>	[0..1]	Text		1925
	TransactionDetails <TxDtls>	[1..1]			1925
	Currency <Ccy>	[0..1]	CodeSet	C1	1925
	TotalAmount <TtlAmt>	[1..1]	Amount		1926
	ValidityDate <VldtyDt>	[0..1]	Date		1926
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1926
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1926
	AuthorisationResult <AuthstnRslt>	[0..1]			1926
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1927
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1927
	Response <Rspn>	[1..1]	CodeSet		1928
	ResponseReason <RspnRsn>	[0..1]	Text		1928
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1928
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1928
	TMSTrigger <TMSTrggr>	[0..1]			1928
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		1928
	TMSIdentification <TMSId>	[0..1]	Text		1929
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1929

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		1929

29.1.6.5.5.1 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 2385

29.1.6.5.5.2 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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.5.3 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 2382

29.1.6.5.5.4 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 2382

29.1.6.5.5.5 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

29.1.6.5.5.6 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.6.5.5.7 OriginalTransaction <OrgnTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnTx> contains the following elements (see ["CardPaymentTransaction138"](#) on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIId>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

29.1.6.5.5.8 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.5.9 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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.5.10 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: ["FailureReason3Code"](#) on page 2344

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

29.1.6.5.5.11 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

29.1.6.5.5.12 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "Max140Text" on page 2380

29.1.6.5.5.13 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 2382

29.1.6.5.5.14 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

29.1.6.5.5.15 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	1925
	TotalAmount <TtlAmt>	[1..1]	Amount		1926
	ValidityDate <VldtyDt>	[0..1]	Date		1926
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1926
	KeepAuthorisationOpen <KeepAuthstnOpn>	[0..1]	Indicator		1926

29.1.6.5.5.15.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.5.5.15.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.5.5.15.3 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

29.1.6.5.5.15.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "Max10000Binary" on page 2313

29.1.6.5.5.15.5 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.5.5.16 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]	±		1927
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1927
	Response <Rspn>	[1..1]	CodeSet		1928
	ResponseReason <RspnRsn>	[0..1]	Text		1928
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1928
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1928
	TMSTrigger <TMSTrggr>	[0..1]			1928
	TMSContactLevel <TMSCtctLv>	[1..1]	CodeSet		1928
	TMSIdentification <TMSId>	[0..1]	Text		1929
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1929

29.1.6.5.5.16.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

29.1.6.5.5.16.2 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		1928
	ResponseReason <RspnRsn>	[0..1]	Text		1928
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1928

29.1.6.5.5.16.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.1.6.5.5.16.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

29.1.6.5.5.16.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

29.1.6.5.5.16.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

29.1.6.5.5.16.4 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		1928
	TMSIdentification <TMSId>	[0..1]	Text		1929
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		1929

29.1.6.5.5.16.4.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: "TMSContactLevel1Code" on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

29.1.6.5.5.16.4.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: "Max35Text" on page 2382

29.1.6.5.5.16.4.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: "ISODateTime" on page 2374

29.1.6.5.5.17 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

29.1.6.6 CardPaymentDataSetTransaction51

Definition: Completed card payment transaction to be captured in batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionSequenceCounter <TxSeqCntr>	[1..1]	Text		1936
	Traceability <Tracblt>	[0..*]	±		1936
	Environment <Envt>	[1..1]	±	C9	1936
	Context <Cntxt>	[0..1]		C10	1942
	PaymentContext <PmtCntxt>	[0..1]			1945
	CardPresent <CardPres>	[0..1]	Indicator		1945
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1945
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1946
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1946
	TransactionEnvironment <TxEnvt>	[0..1]	CodeSet		1946
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1946
	BusinessArea <BizArea>	[0..1]	CodeSet		1947
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1947
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1947
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1948
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1948
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1949
	SaleContext <SaleCntxt>	[0..1]			1949
	SaleIdentification <SaleId>	[0..1]	Text		1950
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1950
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1951
	CashierIdentification <CshrId>	[0..1]	Text		1951
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1951
	ShiftNumber <ShftNb>	[0..1]	Text		1951
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1951
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1951
	InvoiceNumber <InvNb>	[0..1]	Text		1951
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1952
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1952
	CommonName <CmonNm>	[1..1]	Text		1952
	Address <Adr>	[0..1]	Text		1952

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CountryCode <CtryCd>	[1..1]	CodeSet		1952
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1952
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1952
	SplitPayment <SpltPmt>	[0..1]	Indicator		1953
	RemainingAmount <RmngAmt>	[0..1]	Amount		1953
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1953
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1953
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1953
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1954
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1954
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1954
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1955
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1955
	SystemToNotify <SysToNtfy>	[0..1]	Text		1955
	Debtor <Dbtr>	[0..1]	±		1956
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1957
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1957
	Creditor <Cdtr>	[0..1]	±		1957
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1958
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1959
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1959
	Debtor <Dbtr>	[0..1]	±		1960
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1961
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1962
	Creditor <Cdtr>	[0..1]	±		1962
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1963
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1964
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1964
	MandateIdentification <MndtId>	[1..1]	Text		1965
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1965
	MandateImage <MndtImg>	[0..1]	Binary		1965

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1965
	Transaction <Tx>	[1..1]			1965
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1970
	TransactionType <TxTp>	[0..1]	CodeSet		1970
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1971
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1972
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1972
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1972
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1972
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1973
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1973
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1973
	TransactionIdentification <TxId>	[1..1]	±		1973
	OriginalTransaction <OrgnlTx>	[0..1]	±		1973
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1974
	Reversal <Rvsl>	[0..1]	Indicator		1974
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1975
	FailureReason <FailrRsn>	[0..*]	CodeSet		1975
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1976
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1976
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1976
	InterchangeData <IntrchnngData>	[0..1]	Text		1976
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1976
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1976
	TransactionDetails <TxDtls>	[1..1]			1976
	Currency <Ccy>	[0..1]	CodeSet	C1	1979
	TotalAmount <TtlAmt>	[1..1]	Amount		1979
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1979
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1979
	DetailedAmount <DtldAmt>	[0..1]	±		1979
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1980

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1980
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1980
	ValidityDate <VldtyDt>	[0..1]	Date		1980
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1980
	UnattendedLevelCategory <UattnddLvICtgy>	[0..1]	Text		1981
	AccountType <AcctTp>	[0..1]	CodeSet		1981
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1982
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1984
	Conversion <Convs>	[0..1]			1984
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1986
	TargetCurrency <TrgtCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986
	ResultingAmount <RsltgtAmt>	[0..1]	Amount		1987
	ExchangeRate <XchgRate>	[1..1]	Rate		1987
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1987
	QuotationDate <QtnDt>	[0..1]	DateTime		1987
	ValidFrom <VldFr>	[0..1]	DateTime		1987
	ValidUntil <VldUntil>	[0..1]	DateTime		1987
	SourceCurrency <SrcCcy>	[1..1]			1987
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988
	Name <Nm>	[0..1]	Text		1988
	ApplicableBinRange <ApplBinRg>	[0..*]			1988
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989
	OriginalAmount <OrgnlAmt>	[0..1]			1989
	ActualAmount <ActlAmt>	[0..1]	Amount		1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989
	CommissionDetails <ComssnDtls>	[0..*]			1990
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	MarkUpDetails <MrkUpDtls>	[0..*]			1990
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	DeclarationDetails <DclrtDtls>	[0..*]	±		1990
	Instalment <Instlmt>	[0..*]	±		1991
	Recurring <Rcrng>	[0..1]	±		1992
	AggregationTransaction <AggtnTx>	[0..1]	±		1993
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1993
	SaleItem <Saleitm>	[0..*]	±		1993
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1994
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1994
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1994
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1994
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1995
	AdditionalInformation <AddtlInf>	[0..*]			1995
	Identification <Id>	[1..1]	Text		1995
	Value <Val>	[0..1]	Binary		1995
	ProtectedValue <PrctcdVal>	[0..1]	±		1995
	Type <Tp>	[0..1]	Text		1996
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1996
	AuthorisationResult <AuthstnRslt>	[0..1]			1996
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1996
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1997
	Response <Rspn>	[1..1]	CodeSet		1997
	ResponseReason <RspnRsn>	[0..1]	Text		1997
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1998

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1998
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1998
	AccountFrom <AcctFr>	[0..1]			1998
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1999
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2000
	AccountName <AcctNm>	[0..1]	Text		2000
	AccountOwner <AcctOwnr>	[0..1]			2001
	Name <Nm>	[1..1]	Text		2001
	Address <Adr>	[1..1]	±		2001
	Currency <Ccy>	[0..1]	CodeSet	C1	2001
	AccountIdentifier <AcctIdr>	[0..1]			2002
{Or	Card <Card>	[1..1]	Text		2002
Or	MSISDN <MSISDN>	[1..1]	Text		2002
Or	EMail <EMail>	[1..1]	Text		2002
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2002
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2003
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2003
Or	Domestic <Dmst>	[1..1]	Text		2003
Or}	Other <Othr>	[1..1]	Text		2003
	Servicer <Svcr>	[0..1]			2003
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2004
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2004
	AccountTo <AcctTo>	[0..1]			2004
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2005
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2006
	AccountName <AcctNm>	[0..1]	Text		2006
	AccountOwner <AcctOwnr>	[0..1]			2007
	Name <Nm>	[1..1]	Text		2007
	Address <Adr>	[1..1]	±		2007
	Currency <Ccy>	[0..1]	CodeSet	C1	2007
	AccountIdentifier <AcctIdr>	[0..1]			2008

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		2008
Or	MSISDN <MSISDN>	[1..1]	Text		2008
Or	EMail <EMail>	[1..1]	Text		2008
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2008
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2009
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2009
Or	Domestic <Dmst>	[1..1]	Text		2009
Or}	Other <Othr>	[1..1]	Text		2009
	Servicer <Svcr>	[0..1]			2009
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2010
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2010
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2010

29.1.6.6.1 TransactionSequenceCounter <TxSeqCntr>

Presence: [1..1]

Definition: Sequential counter of the transaction.

Datatype: "Max9NumericText" on page 2384

29.1.6.6.2 Traceability <Tracblt>

Presence: [0..*]

Definition: Identification of partners involved in the exchange from the merchant to the issuer, with the corresponding timestamp of their exchanges.

Traceability <Tracblt> contains the following elements (see "Traceability8" on page 2214 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeIn <TracDtTmIn>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

29.1.6.6.3 Environment <Envt>

Presence: [1..1]

Definition: Data related to the environment of the transaction in a transaction captured in batch.

Impacted by: C9 "OneElementPresenceRule"

Environment <Envt> contains the following elements (see "[CardPaymentEnvironment81](#)" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <Grpld>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrctcdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhlldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crhdldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BillgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crdhldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrctcdCrdhldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.6.4 Context <Cntxt>

Presence: [0..1]

Definition: Data related to the context of the transaction.

Impacted by: C10 "OneElementPresenceRule"

Context <Cntxt> contains the following **PaymentContext30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentContext <PmtCntxt>	[0..1]			1945
	CardPresent <CardPres>	[0..1]	Indicator		1945
	CardholderPresent <CrdrhldrPres>	[0..1]	Indicator		1945
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1946
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1946
	TransactionEnvironment <TxEnvnt>	[0..1]	CodeSet		1946
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1946
	BusinessArea <BizArea>	[0..1]	CodeSet		1947
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1947
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1947
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1948
	FallbackIndicator <FllbckInd>	[0..1]	CodeSet		1948
	SupportedOption <SpprtdOptn>	[0..*]	CodeSet		1949
	SaleContext <SaleCntxt>	[0..1]			1949
	SaleIdentification <SaleId>	[0..1]	Text		1950
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1950
	SaleReconciliationIdentification <SaleRcnclnId>	[0..1]	Text		1951
	CashierIdentification <CshrId>	[0..1]	Text		1951
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1951
	ShiftNumber <ShftNb>	[0..1]	Text		1951
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1951
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1951
	InvoiceNumber <InvNb>	[0..1]	Text		1951
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1952
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1952
	CommonName <CmonNm>	[1..1]	Text		1952
	Address <Adr>	[0..1]	Text		1952
	CountryCode <CtryCd>	[1..1]	CodeSet		1952
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1952
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1952
	SplitPayment <Spltpmt>	[0..1]	Indicator		1953

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RemainingAmount <RmngAmt>	[0..1]	Amount		1953
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1953
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1953
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1953
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1954
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1954
	CreditTransferContext <CdtTrfCntxt>	[0..1]		C11	1954
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1955
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1955
	SystemToNotify <SysToNtfy>	[0..1]	Text		1955
	Debtor <Dbtr>	[0..1]	±		1956
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1957
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1957
	Creditor <Cdtr>	[0..1]	±		1957
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1958
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1959
	DirectDebitContext <DrctDbtCntxt>	[0..1]			1959
	Debtor <Dbtr>	[0..1]	±		1960
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1961
	ProtectedDebtorAccount <PrtctdDbtrAcct>	[0..1]	±		1962
	Creditor <Cdtr>	[0..1]	±		1962
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1963
	ProtectedCreditorAccount <PrtctdCdtrAcct>	[0..1]	±		1964
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1964
	MandateIdentification <MndtId>	[1..1]	Text		1965
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1965
	MandateImage <MndtImg>	[0..1]	Binary		1965
	ProtectedMandateImage <PrtctdMndtImg>	[0..1]	±		1965

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.6.4.1 PaymentContext <PmtCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

PaymentContext <PmtCntxt> contains the following **PaymentContext29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1945
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1945
	OnLineContext <OnLineCntxt>	[0..1]	Indicator		1946
	AttendanceContext <AttdncCntxt>	[0..1]	CodeSet		1946
	TransactionEnvironment <TxEnv<	[0..1]	CodeSet		1946
	TransactionChannel <TxChanl>	[0..1]	CodeSet		1946
	BusinessArea <BizArea>	[0..1]	CodeSet		1947
	AttendantMessageCapable <AttdntMsgCpbl>	[0..1]	Indicator		1947
	AttendantLanguage <AttdntLang>	[0..1]	CodeSet	C13	1947
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1948
	FallbackIndicator <FlbckInd>	[0..1]	CodeSet		1948
	SupportedOption <SpptdOptn>	[0..*]	CodeSet		1949

29.1.6.6.4.1.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.1.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated in presence of the cardholder or not.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.1.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.1.4 AttendanceContext <AttndncCntxt>

Presence: [0..1]

Definition: Human attendance at the POI (Point Of Interaction) location during the transaction.

Datatype: "AttendanceContext1Code" on page 2326

CodeName	Name	Definition
ATTD	Attended	Attended payment, with an attendant.
SATT	SemiAttended	Semi-attended, including self checkout. An attendant supervises several payment, and could be called to help the cardholder.
UATT	Unattended	Unattended payment, no attendant present.

29.1.6.6.4.1.5 TransactionEnvironment <TxEnvnt>

Presence: [0..1]

Definition: Indicates the environment of the transaction.

Datatype: "TransactionEnvironment1Code" on page 2370

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

29.1.6.6.4.1.6 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 2370

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.

CodeName	Name	Definition
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

29.1.6.6.4.1.7 BusinessArea <BizArea>

Presence: [0..1]

Definition: Defines the business context of this transaction that could imply specific scheme rules.

Datatype: "BusinessArea2Code" on page 2330

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

29.1.6.6.4.1.8 AttendantMessageCapable <AttdntMsgCpbl>

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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.1.9 AttendantLanguage <AttdntLang>

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: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.6.4.1.10 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.6.6.4.1.11 FallbackIndicator <FlbckInd>

Presence: [0..1]

Definition: Indicator of a card entry mode fallback.

Datatype: "CardFallback1Code" on page 2333

CodeName	Name	Definition
FFLB	FallbackAfterFailure	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal failed.
SFLB	FallbackAfterSuccess	Card fall-back occurred during the transaction in progress. The previous transaction on the terminal was successful.

CodeName	Name	Definition
NFLB	NoFallback	No card fall-back during the transaction in progress.

29.1.6.6.4.1.12 SupportedOption <SpprtdOptn>

Presence: [0..*]

Definition: Payment options the card acceptor can support.

Datatype: "SupportedPaymentOption2Code" on page 2368

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

29.1.6.6.4.2 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		1950
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1950
	SaleReconciliationIdentification <SaleRcncltnId>	[0..1]	Text		1951
	CashierIdentification <CshrId>	[0..1]	Text		1951
	CashierLanguage <CshrLang>	[0..*]	CodeSet	C13	1951
	ShiftNumber <ShiftNb>	[0..1]	Text		1951
	CustomerOrderRequestFlag <CstmrOrdrReqFlg>	[0..1]	Indicator		1951
	PurchaseOrderNumber <PurchsOrdrNb>	[0..1]	Text		1951
	InvoiceNumber <InvNb>	[0..1]	Text		1951
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1952
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]			1952
	CommonName <CmonNm>	[1..1]	Text		1952
	Address <Adr>	[0..1]	Text		1952
	CountryCode <CtryCd>	[1..1]	CodeSet		1952
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1952
	RegisteredIdentifier <RegdIdr>	[1..1]	Text		1952
	SplitPayment <SplitPmt>	[0..1]	Indicator		1953
	RemainingAmount <RmngAmt>	[0..1]	Amount		1953
	ForceOnlineFlag <ForceOnlnFlg>	[0..1]	Indicator		1953
	ReuseCardDataFlag <ReuseCardDataFlg>	[0..1]	Indicator		1953
	AllowedEntryMode <AllwdNtryMd>	[0..*]	CodeSet		1953
	SaleTokenScope <SaleTknScp>	[0..1]	CodeSet		1954
	AdditionalSaleData <AddtlSaleData>	[0..1]	Text		1954

29.1.6.6.4.2.1 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 2382

29.1.6.6.4.2.2 SaleReferenceNumber <SaleRefNb>

Presence: [0..1]

Definition: Identify a sale transaction assigned by the sale system.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.2.3 SaleReconciliationIdentification <SaleRcncltnId>

Presence: [0..1]

Definition: Identifier of the reconciliation between the Sale system and the POI system.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.2.4 CashierIdentification <CshrlId>

Presence: [0..1]

Definition: Identification of the cashier who carried out the transaction.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.2.5 CashierLanguage <CshrLang>

Presence: [0..*]

Definition: Languages used by the cashier.

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.6.6.4.2.6 ShiftNumber <ShftNb>

Presence: [0..1]

Definition: Identifies the shift of the cashier.

Datatype: "Max2NumericText" on page 2381

29.1.6.6.4.2.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.2.8 PurchaseOrderNumber <PurchsOrdNb>

Presence: [0..1]

Definition: Identification of the purchase order.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.2.9 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Identification of the invoice.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.2.10 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Identification allocated by the sale system and given to the customer.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.2.11 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		1952
	Address <Adr>	[0..1]	Text		1952
	CountryCode <CtryCd>	[1..1]	CodeSet		1952
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	Text		1952
	RegisteredIdentifier <Regldlr>	[1..1]	Text		1952

29.1.6.6.4.2.11.1 CommonName <CmonNm>

Presence: [1..1]

Definition: Name of the merchant.

Datatype: "Max70Text" on page 2384

29.1.6.6.4.2.11.2 Address <Adr>

Presence: [0..1]

Definition: Location of the merchant.

Datatype: "Max140Text" on page 2380

29.1.6.6.4.2.11.3 CountryCode <CtryCd>

Presence: [1..1]

Definition: Country of the merchant.

Datatype: "ISO3NumericCountryCode" on page 2347

29.1.6.6.4.2.11.4 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 2385

29.1.6.6.4.2.11.5 RegisteredIdentifier <Regldlr>

Presence: [1..1]

Definition: Identifier of the sponsored merchant assigned by the payment facilitator of their acquirer.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.2.12 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.2.13 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 2313

29.1.6.6.4.2.14 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.2.15 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.2.16 AllowedEntryMode <AllwdNtryMd>

Presence: [0..*]

Definition: Type of card data reading.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.6.6.4.2.17 SaleTokenScope <SaleTknScp>

Presence: [0..1]

Definition: Scope of the token that identifies the payment mean of the customer.

Datatype: "SaleTokenScope1Code" on page 2367

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

29.1.6.6.4.2.18 AdditionalSaleData <AddtlSaleData>

Presence: [0..1]

Definition: Additional information associated with the sale transaction.

Datatype: "Max70Text" on page 2384

29.1.6.6.4.3 CreditTransferContext <CdtTrfCntxt>

Presence: [0..1]

Definition: Context of the credit transfer transaction.

Impacted by: C11 "OneElementPresenceRule"

CreditTransferContext <CdtTrfCntxt> contains the following **CreditTransferContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>	[0..1]	Indicator		1955
	WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>	[0..1]	Indicator		1955
	SystemToNotify <SysToNtfy>	[0..1]	Text		1955
	Debtor <Dbtr>	[0..1]	±		1956
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1957
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1957
	Creditor <Cdtr>	[0..1]	±		1957
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1958
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1959

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.6.6.4.3.1 AutomaticNotificationOfCashMovement <AutomtcNtfctnOfCshMvmnt>

Presence: [0..1]

Definition: Indicator that specifies if a notification is expected after a credit transfer request.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.3.2 WaitForNotificationBeforeEnding <WaitForNtfctnBfrEndg>

Presence: [0..1]

Definition: Indicator from the sale system to the accepting system to wait for notification before stating that the payment is done.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.4.3.3 SystemToNotify <SysToNtfy>

Presence: [0..1]

Definition: Reference of the system that should receive the notification of credit transfer.

Datatype: "Max1025Text" on page 2379

29.1.6.6.4.3.4 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the payer.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.6.4.3.5 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the payer's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "CashAccount40" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.6.4.3.6 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.6.4.3.7 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the payee.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.6.4.3.8 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the payee's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.6.4.3.9 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.6.4.4 DirectDebitContext <DrctDbtCntxt>

Presence: [0..1]

Definition: Context of the direct debit transaction.

DirectDebitContext <DrctDbtCntxt> contains the following **DirectDebitContext1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Debtor <Dbtr>	[0..1]	±		1960
	DebtorAccount <DbtrAcct>	[0..1]	±	C8, C7	1961
	ProtectedDebtorAccount <PrctcdDbtrAcct>	[0..1]	±		1962
	Creditor <Cdtr>	[0..1]	±		1962
	CreditorAccount <CdtrAcct>	[0..1]	±	C8, C7	1963
	ProtectedCreditorAccount <PrctcdCdtrAcct>	[0..1]	±		1964
	MandateRelatedInformation <MndtRltdInf>	[1..1]			1964
	MandateIdentification <MndtId>	[1..1]	Text		1965
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1965
	MandateImage <MndtImg>	[0..1]	Binary		1965
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1965

29.1.6.6.4.4.1 Debtor <Dbtr>

Presence: [0..1]

Definition: Information related to the debtor.

Debtor <Dbtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.6.4.4.2 DebtorAccount <DbtrAcct>

Presence: [0..1]

Definition: Information related to the debtor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

DebtorAccount <DbtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.6.4.4.3 ProtectedDebtorAccount <PrtctdDbtrAcct>

Presence: [0..1]

Definition: Secured information related to the debtor's account.

ProtectedDebtorAccount <PrtctdDbtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.6.4.4.4 Creditor <Cdtr>

Presence: [0..1]

Definition: Information related to the creditor.

Creditor <Cdtr> contains the following elements (see "PartyIdentification272" on page 2217 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.6.6.4.4.5 CreditorAccount <CdtrAcct>

Presence: [0..1]

Definition: Information related to the creditor's account.

Impacted by: C8 "IdentificationOrProxyPresenceRule", C7 "IdentificationAndProxyGuideline"

CreditorAccount <CdtrAcct> contains the following elements (see "[CashAccount40](#)" on page 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1734
	Type <Tp>	[0..1]	±		1734
	Currency <Ccy>	[0..1]	CodeSet	C2	1735
	Name <Nm>	[0..1]	Text		1735
	Proxy <Prxy>	[0..1]	±		1735

Constraints

- **IdentificationAndProxyGuideline**

If the account identification is not defined through a conventional identification such as an email address or a mobile number, then the proxy element should be used for the identification of the account.

- **IdentificationOrProxyPresenceRule**

Identification must be present or Proxy must be present. Both may be present.

Following Must be True
 /Identification Must be present
 Or /Proxy Must be present

29.1.6.6.4.4.6 ProtectedCreditorAccount <PrtctdCdtrAcct>

Presence: [0..1]

Definition: Secured information related to the creditor's account.

ProtectedCreditorAccount <PrtctdCdtrAcct> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

29.1.6.6.4.4.7 MandateRelatedInformation <MndtRltdInf>

Presence: [1..1]

Definition: Provides further details of the mandate signed between the creditor and the debtor.

MandateRelatedInformation <MndtRltdInf> contains the following **MandateRelatedInformation17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MandateIdentification <MndtId>	[1..1]	Text		1965
	DateOfSignature <DtOfSgntr>	[0..1]	Date		1965
	MandateImage <MndtImg>	[0..1]	Binary		1965
	ProtectedMandateImage <PrctcdMndtImg>	[0..1]	±		1965

29.1.6.6.4.4.7.1 MandateIdentification <MndtId>

Presence: [1..1]

Definition: Unique identification, as assigned by the creditor, to unambiguously identify the mandate.

Datatype: "Max35Text" on page 2382

29.1.6.6.4.4.7.2 DateOfSignature <DtOfSgntr>

Presence: [0..1]

Definition: Date on which the direct debit mandate has been signed by the debtor.

Datatype: "ISODate" on page 2374

29.1.6.6.4.4.7.3 MandateImage <MndtImg>

Presence: [0..1]

Definition: Image of scanned signed mandate.

Datatype: "Max2MBBinary" on page 2314

29.1.6.6.4.4.7.4 ProtectedMandateImage <PrctcdMndtImg>

Presence: [0..1]

Definition: Secured image of scanned signed mandate.

ProtectedMandateImage <PrctcdMndtImg> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.6.5 Transaction <Tx>

Presence: [1..1]

Definition: Transaction information to be captured.

Transaction <Tx> contains the following **CardPaymentTransaction140** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		1970
	TransactionType <TxTp>	[0..1]	CodeSet		1970
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1971
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1972
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		1972
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		1972
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1972
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		1973
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		1973
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1973
	TransactionIdentification <TxId>	[1..1]	±		1973
	OriginalTransaction <OrgnlTx>	[0..1]	±		1973
	TransactionSuccess <TxSucss>	[1..1]	Indicator		1974
	Reversal <Rvs/>	[0..1]	Indicator		1974
	MerchantOverride <MrchntOvrrd>	[0..1]	Indicator		1975
	FailureReason <FailrRsn>	[0..*]	CodeSet		1975
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1976
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1976
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		1976
	InterchangeData <IntrchgData>	[0..1]	Text		1976
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		1976
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		1976
	TransactionDetails <TxDtls>	[1..1]			1976
	Currency <Ccy>	[0..1]	CodeSet	C1	1979
	TotalAmount <TtlAmt>	[1..1]	Amount		1979
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1979
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1979
	DetailedAmount <DtldAmt>	[0..1]	±		1979
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1980
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1980
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1980

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		1980
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1980
	UnattendedLevelCategory <UatnddLv/Ctgy>	[0..1]	Text		1981
	AccountType <AcctTp>	[0..1]	CodeSet		1981
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1982
	AcceptedByCardholder <AccptdByCrhdldr>	[0..1]	Indicator		1984
	Conversion <Convs>	[0..1]			1984
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1986
	TargetCurrency <TrgtCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986
	ResultingAmount <RsltAmt>	[0..1]	Amount		1987
	ExchangeRate <XchgRate>	[1..1]	Rate		1987
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1987
	QuotationDate <QtnDt>	[0..1]	DateTime		1987
	ValidFrom <VldFr>	[0..1]	DateTime		1987
	ValidUntil <VldUntil>	[0..1]	DateTime		1987
	SourceCurrency <SrcCcy>	[1..1]			1987
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988
	Name <Nm>	[0..1]	Text		1988
	ApplicableBinRange <AplblBinRg>	[0..*]			1988
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989
	OriginalAmount <OrgnlAmt>	[0..1]			1989
	ActualAmount <ActlAmt>	[0..1]	Amount		1989
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			1990
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	MarkUpDetails <MrkUpDtls>	[0..*]			1990
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1990
	Instalment <Instlmt>	[0..*]	±		1991
	Recurring <Rcrng>	[0..1]	±		1992
	AggregationTransaction <AggtTx>	[0..1]	±		1993
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1993
	SaleItem <Saleitm>	[0..*]	±		1993
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1994
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1994
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1994
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		1994
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1995
	AdditionalInformation <AddtlInf>	[0..*]			1995
	Identification <Id>	[1..1]	Text		1995
	Value <Val>	[0..1]	Binary		1995
	ProtectedValue <PrctcdVal>	[0..1]	±		1995
	Type <Tp>	[0..1]	Text		1996
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		1996
	AuthorisationResult <AuthstnRslt>	[0..1]			1996
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1996
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1997
	Response <Rspn>	[1..1]	CodeSet		1997
	ResponseReason <RspnRsn>	[0..1]	Text		1997
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1998
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1998
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		1998

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]			1998
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1999
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2000
	AccountName <AcctNm>	[0..1]	Text		2000
	AccountOwner <AcctOwnr>	[0..1]			2001
	Name <Nm>	[1..1]	Text		2001
	Address <Adr>	[1..1]	±		2001
	Currency <Ccy>	[0..1]	CodeSet	C1	2001
	AccountIdentifier <AcctIdr>	[0..1]			2002
{Or	Card <Card>	[1..1]	Text		2002
Or	MSISDN <MSISDN>	[1..1]	Text		2002
Or	EMail <EMail>	[1..1]	Text		2002
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2002
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2003
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2003
Or	Domestic <Dmst>	[1..1]	Text		2003
Or}	Other <Othr>	[1..1]	Text		2003
	Servicer <Svcr>	[0..1]			2003
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2004
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2004
	AccountTo <AcctTo>	[0..1]			2004
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2005
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2006
	AccountName <AcctNm>	[0..1]	Text		2006
	AccountOwner <AcctOwnr>	[0..1]			2007
	Name <Nm>	[1..1]	Text		2007
	Address <Adr>	[1..1]	±		2007
	Currency <Ccy>	[0..1]	CodeSet	C1	2007
	AccountIdentifier <AcctIdr>	[0..1]			2008
{Or	Card <Card>	[1..1]	Text		2008
Or	MSISDN <MSISDN>	[1..1]	Text		2008

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	EMail <EMail>	[1..1]	Text		2008
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2008
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2009
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2009
Or	Domestic <Dmst>	[1..1]	Text		2009
Or}	Other <Othr>	[1..1]	Text		2009
	Servicer <Svcr>	[0..1]			2009
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2010
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2010
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2010

29.1.6.6.5.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.5.2 TransactionType <TxTp>

Presence: [0..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType12Code" on page 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.

CodeName	Name	Definition
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

29.1.6.6.5.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.1.6.6.5.4 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

29.1.6.6.5.5 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.5.6 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 2385

29.1.6.6.5.7 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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.5.8 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.9 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.10 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.11 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.6.6.5.12 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following elements (see "[CardPaymentTransaction138](#)" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1748
	TransactionIdentification <TxId>	[1..1]	±		1748
	POIIdentification <POIID>	[0..1]	±		1748
	InitiatorTransactionIdentification <InitrTxId>	[0..1]	Text		1749
	RecipientTransactionIdentification <RcptTxId>	[0..1]	Text		1749
	TransactionType <TxTp>	[1..1]	CodeSet		1749
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		1750
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		1750
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1751
	TransactionResult <TxRslt>	[0..1]			1752
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1752
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1752
	Response <Rspn>	[1..1]	CodeSet		1753
	ResponseReason <RspnRsn>	[0..1]	Text		1753
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1753
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1753

29.1.6.6.5.13 TransactionSuccess <TxSucss>

Presence: [1..1]

Definition: Outcome of the transaction at the acceptor.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.5.14 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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.5.15 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.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.5.16 FailureReason <FailrRsn>

Presence: [0..*]

Definition: List of incidents during the transaction.

Datatype: ["FailureReason3Code" on page 2344](#)

CodeName	Name	Definition
CDCL	CardDeclined	Integrated circuit card declines the transaction before or after the authorisation.
CUCL	CustomerCancel	Customer cancellation, for example removing the card before the end of the transaction.
MALF	Malfunction	Suspected malfunction.
FDCL	OfflineDeclined	Offline authorisation declined the transaction.
NDCL	OnLineDeclined	Online authorisation declined the transaction.
PART	Partial	Completed partially.
SFRD	SuspectedFraud	Card payment transaction fails because the merchant suspect a fraud.
TIMO	TimeOut	Timeout while waiting for a response to a request message, or no response was received (for example connection release before receiving the response).
LATE	TooLateResponse	Response to the previous message was received too late.
UCMP	UnableToComplete	Unable to complete the transaction after the authorisation response.
USND	UnableToSend	Unable to deliver the request message to the recipient party.
SECU	SecurityError	Security error has occurred in the authorisation response message sent by the acquirer.

29.1.6.6.5.17 InitiatorTransactionIdentification <InitrTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the initiating party for the recipient party.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.18 RecipientTransactionIdentification <RcptTxId>

Presence: [0..1]

Definition: Identification of the transaction assigned by the recipient party for the initiating party.

Datatype: "Max140Text" on page 2380

29.1.6.6.5.19 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 2382

29.1.6.6.5.20 InterchangeData <IntrchgData>

Presence: [0..1]

Definition: Interchange information related to the card scheme.

Datatype: "Max140Text" on page 2380

29.1.6.6.5.21 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 2380

29.1.6.6.5.22 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 2380

29.1.6.6.5.23 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	1979
	TotalAmount <TtlAmt>	[1..1]	Amount		1979
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		1979
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1979
	DetailedAmount <DtldAmt>	[0..1]	±		1979
	RequestedAmount <ReqdAmt>	[0..1]	Amount		1980
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		1980
	InvoiceAmount <InvcAmt>	[0..1]	Amount		1980
	ValidityDate <VldtyDt>	[0..1]	Date		1980
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		1980
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1981
	AccountType <AcctTp>	[0..1]	CodeSet		1981
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			1982
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1984
	Conversion <Convs>	[0..1]			1984
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		1986
	TargetCurrency <TrgtCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1987
	ExchangeRate <XchgRate>	[1..1]	Rate		1987
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1987
	QuotationDate <QtnDt>	[0..1]	DateTime		1987
	ValidFrom <VldFr>	[0..1]	DateTime		1987
	ValidUntil <VldUntil>	[0..1]	DateTime		1987
	SourceCurrency <SrcCcy>	[1..1]			1987
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1988
	ApplicableBinRange <ApblBinRg>	[0..*]			1988
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989
	OriginalAmount <OrgnlAmt>	[0..1]			1989
	ActualAmount <ActlAmt>	[0..1]	Amount		1989
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989
	CommissionDetails <ComssnDtls>	[0..*]			1990
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	MarkUpDetails <MrkUpDtls>	[0..*]			1990
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	DeclarationDetails <DclrtDtls>	[0..*]	±		1990
	Instalment <Instlmt>	[0..*]	±		1991
	Recurring <Rcrng>	[0..1]	±		1992
	AggregationTransaction <AggtTx>	[0..1]	±		1993
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		1993
	SaleItem <Saleitm>	[0..*]	±		1993
	DeliveryLocation <DlvryLctn>	[0..1]	Text		1994
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		1994
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		1994
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		1994
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		1995
	AdditionalInformation <AddtlInf>	[0..*]			1995
	Identification <Id>	[1..1]	Text		1995
	Value <Val>	[0..1]	Binary		1995
	ProtectedValue <PrctcdVal>	[0..1]	±		1995
	Type <Tp>	[0..1]	Text		1996
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		1996

29.1.6.6.5.23.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.6.5.23.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

29.1.6.6.5.23.5 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

29.1.6.6.5.23.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.8 InvoiceAmount <InvcAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

29.1.6.6.5.23.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.6.6.5.23.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

29.1.6.6.5.23.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.6.6.5.23.13 CurrencyConversionResult <CcyConvsRslt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		1984
	Conversion <Convs>	[0..1]			1984
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1986
	TargetCurrency <TrgtCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986
	ResultingAmount <RsltAmt>	[0..1]	Amount		1987
	ExchangeRate <XchgRate>	[1..1]	Rate		1987
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1987
	QuotationDate <QtnDt>	[0..1]	DateTime		1987
	ValidFrom <VldFr>	[0..1]	DateTime		1987
	ValidUntil <VldUntil>	[0..1]	DateTime		1987
	SourceCurrency <SrcCcy>	[1..1]			1987
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988
	Name <Nm>	[0..1]	Text		1988
	ApplicableBinRange <AplblBinRg>	[0..*]			1988
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989
	OriginalAmount <OrgnlAmt>	[0..1]			1989
	ActualAmount <ActlAmt>	[0..1]	Amount		1989
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989
	CommissionDetails <ComssnDtls>	[0..*]			1990
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	MarkUpDetails <MrkUpDtls>	[0..*]			1990

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	DeclarationDetails <DclrtnDtls>	[0..*]	±		1990

29.1.6.6.5.23.13.1 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 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.6.6.5.23.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		1986
	TargetCurrency <TrgtCcy>	[1..1]			1986
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986
	ResultingAmount <RsltgAmt>	[0..1]	Amount		1987
	ExchangeRate <XchgRate>	[1..1]	Rate		1987
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		1987
	QuotationDate <QtnDt>	[0..1]	DateTime		1987
	ValidFrom <VldFr>	[0..1]	DateTime		1987
	ValidUntil <VldUntil>	[0..1]	DateTime		1987
	SourceCurrency <SrcCcy>	[1..1]			1987
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988
	Name <Nm>	[0..1]	Text		1988
	ApplicableBinRange <AplblBinRg>	[0..*]			1988
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989
	OriginalAmount <OrgnlAmt>	[0..1]			1989
	ActualAmount <ActlAmt>	[0..1]	Amount		1989
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989
	CommissionDetails <ComssnDtls>	[0..*]			1990
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	MarkUpDetails <MrkUpDtls>	[0..*]			1990
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990
	DeclarationDetails <Dclrtndtls>	[0..*]	±		1990

29.1.6.6.5.23.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.23.13.2.2 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	1986
	NumericCode <NmrcCd>	[1..1]	Text		1986
	Decimal <Dcml>	[1..1]	Quantity		1986
	Name <Nm>	[0..1]	Text		1986

29.1.6.6.5.23.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.6.5.23.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.6.5.23.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.6.5.23.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.23.13.2.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.13.2.4 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 2378

29.1.6.6.5.23.13.2.5 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 2378

29.1.6.6.5.23.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

29.1.6.6.5.23.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

29.1.6.6.5.23.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

29.1.6.6.5.23.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	1988
	NumericCode <NmrcCd>	[0..1]	Text		1988
	Decimal <Dcml>	[0..1]	Quantity		1988
	Name <Nm>	[0..1]	Text		1988

29.1.6.6.5.23.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.6.5.23.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.6.6.5.23.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.6.6.5.23.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.23.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		1989
	HigherBin <HghrBin>	[1..1]	Text		1989

29.1.6.6.5.23.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.6.5.23.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.6.6.5.23.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		1989
	MinimumAmount <MinAmt>	[0..1]	Amount		1989
	MaximumAmount <MaxAmt>	[0..1]	Amount		1989

29.1.6.6.5.23.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990

29.1.6.6.5.23.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

29.1.6.6.5.23.13.2.13 MarkUpDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkUpDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		1990
	AdditionalInformation <AddtlInf>	[0..1]	Text		1990

29.1.6.6.5.23.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

29.1.6.6.5.23.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

29.1.6.6.5.23.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.6.6.5.23.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

29.1.6.6.5.23.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

29.1.6.6.5.23.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

29.1.6.6.5.23.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

29.1.6.6.5.23.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <Saleitm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

29.1.6.6.5.23.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.23.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

29.1.6.6.5.23.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.6.6.5.23.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.6.6.5.23.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.6.6.5.23.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1995
	Value <Val>	[0..1]	Binary		1995
	ProtectedValue <PrctcdVal>	[0..1]	±		1995
	Type <Tp>	[0..1]	Text		1996

29.1.6.6.5.23.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

29.1.6.6.5.23.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

29.1.6.6.5.23.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.6.6.5.23.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

29.1.6.6.5.23.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

29.1.6.6.5.24 AuthorisationResult <AuthstnRslt>

Presence: [0..1]

Definition: Outcome of the authorisation request.

AuthorisationResult <AuthstnRslt> contains the following **AuthorisationResult18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		1996
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			1997
	Response <Rspn>	[1..1]	CodeSet		1997
	ResponseReason <RspnRsn>	[0..1]	Text		1997
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1998
	AuthorisationCode <AuthstnCd>	[0..1]	Text		1998

29.1.6.6.5.24.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

29.1.6.6.5.24.2 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		1997
	ResponseReason <RspnRsn>	[0..1]	Text		1997
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		1998

29.1.6.6.5.24.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.1.6.6.5.24.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2382

29.1.6.6.5.24.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

29.1.6.6.5.24.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

29.1.6.6.5.25 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2384

29.1.6.6.5.26 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Information relevant to the account where the money is taken from.

AccountFrom <AcctFr> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		1999
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2000
	AccountName <AcctNm>	[0..1]	Text		2000
	AccountOwner <AcctOwnr>	[0..1]			2001
	Name <Nm>	[1..1]	Text		2001
	Address <Adr>	[1..1]	±		2001
	Currency <Ccy>	[0..1]	CodeSet	C1	2001
	AccountIdentifier <AcctIdr>	[0..1]			2002
{Or	Card <Card>	[1..1]	Text		2002
Or	MSISDN <MSISDN>	[1..1]	Text		2002
Or	EMail <EMail>	[1..1]	Text		2002
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2002
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2003
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2003
Or	Domestic <Dmst>	[1..1]	Text		2003
Or}	Other <Othr>	[1..1]	Text		2003
	Servicer <Svcr>	[0..1]			2003
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2004
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2004

29.1.6.6.5.26.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

29.1.6.6.5.26.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.6.6.5.26.3 AccountName <AcctNm>

Presence: [0..1]

Definition: Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

Datatype: "Max70Text" on page 2384

29.1.6.6.5.26.4 AccountOwner <AcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

AccountOwner <AcctOwnr> contains the following **NameAndAddress3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2001
	Address <Adr>	[1..1]	±		2001

29.1.6.6.5.26.4.1 Name <Nm>

Presence: [1..1]

Definition: Name by which a party is known and is usually used to identify that identity.

Datatype: "Max70Text" on page 2384

29.1.6.6.5.26.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

29.1.6.6.5.26.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.6.5.26.6 AccountIdentifier <AcctIdr>

Presence: [0..1]

Definition: Unique identifier of the account, as assigned by the account servicer.

AccountIdentifier <AcctIdr> contains one of the following **AccountIdentification54Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Card <Card>	[1..1]	Text		2002
Or	MSISDN <MSISDN>	[1..1]	Text		2002
Or	EMail <EMail>	[1..1]	Text		2002
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2002
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2003
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2003
Or	Domestic <Dmst>	[1..1]	Text		2003
Or}	Other <Othr>	[1..1]	Text		2003

29.1.6.6.5.26.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

29.1.6.6.5.26.6.2 MSISDN <MSISDN>

Presence: [1..1]

Definition: Mobile Subscriber Integrated Service Digital Network (i.e. mobile phone number of the SIM card).

Datatype: "Max16Text" on page 2380

29.1.6.6.5.26.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

29.1.6.6.5.26.6.4 IBAN <IBAN>

Presence: [1..1]

Definition: International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

Impacted by: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

29.1.6.6.5.26.6.5 BBAN <BBAN>

Presence: [1..1]

Definition: Basic Bank Account Number (BBAN) - identifier used nationally by financial institutions, that is, in individual countries, generally as part of a National Account Numbering Scheme(s), to uniquely identify the account of a customer.

Datatype: "BBANIdentifier" on page 2375

29.1.6.6.5.26.6.6 UPIC <UPIC>

Presence: [1..1]

Definition: Universal Payment Identification Code (UPIC) - identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

Datatype: "UPICIdentifier" on page 2376

29.1.6.6.5.26.6.7 Domestic <Dmst>

Presence: [1..1]

Definition: Account number used by financial institutions in individual countries to identify an account of a customer, but not necessarily the bank and branch of the financial institution in which the account is held.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.26.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.26.7 Servicer <Svcr>

Presence: [0..1]

Definition: Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

Servicer <Svcr> contains one of the following **PartyIdentification177Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2004
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2004

29.1.6.6.5.26.7.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

29.1.6.6.5.26.7.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

Definition: Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

ProprietaryIdentification <PrtryId> contains the following elements (see "[GenericIdentification1](#)" on page 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

29.1.6.6.5.27 AccountTo <AcctTo>

Presence: [0..1]

Definition: Information relevant to the account where the money is put.

AccountTo <AcctTo> contains the following **CardAccount16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SelectionMethod <SelctnMtd>	[0..1]	CodeSet		2005
	SelectedAccountType <SelctdAcctTp>	[0..1]	CodeSet		2006
	AccountName <AcctNm>	[0..1]	Text		2006
	AccountOwner <AcctOwnr>	[0..1]			2007
	Name <Nm>	[1..1]	Text		2007
	Address <Adr>	[1..1]	±		2007
	Currency <Ccy>	[0..1]	CodeSet	C1	2007
	AccountIdentifier <AcctIdr>	[0..1]			2008
{Or	Card <Card>	[1..1]	Text		2008
Or	MSISDN <MSISDN>	[1..1]	Text		2008
Or	EMail <EMail>	[1..1]	Text		2008
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2008
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2009
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2009
Or	Domestic <Dmst>	[1..1]	Text		2009
Or}	Other <Othr>	[1..1]	Text		2009
	Servicer <Svcr>	[0..1]			2009
{Or	AnyBIC <AnyBIC>	[1..1]	IdentifierSet	C3	2010
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2010

29.1.6.6.5.27.1 SelectionMethod <SelctnMtd>

Presence: [0..1]

Definition: Method used by the cardholder and the terminal for the choice of the account.

Datatype: "AccountChoiceMethod1Code" on page 2315

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.

CodeName	Name	Definition
TPSL	TypeSelected	Type of account selected in a list.

29.1.6.6.5.27.2 SelectedAccountType <SelctdAcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UVRL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.6.6.5.27.3 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 2384

29.1.6.6.5.27.4 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		2007
	Address <Adr>	[1..1]	±		2007

29.1.6.6.5.27.4.1 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 2384

29.1.6.6.5.27.4.2 Address <Adr>

Presence: [1..1]

Definition: Postal address of a party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 2235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

29.1.6.6.5.27.5 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.6.6.5.27.6 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		2008
Or	MSISDN <MSISDN>	[1..1]	Text		2008
Or	EMail <EMail>	[1..1]	Text		2008
Or	IBAN <IBAN>	[1..1]	IdentifierSet	C6	2008
Or	BBAN <BBAN>	[1..1]	IdentifierSet		2009
Or	UPIC <UPIC>	[1..1]	IdentifierSet		2009
Or	Domestic <Dmst>	[1..1]	Text		2009
Or}	Other <Othr>	[1..1]	Text		2009

29.1.6.6.5.27.6.1 Card <Card>

Presence: [1..1]

Definition: PAN of the card identifying the account.

Datatype: "Min8Max28NumericText" on page 2385

29.1.6.6.5.27.6.2 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 2380

29.1.6.6.5.27.6.3 EMail <EMail>

Presence: [1..1]

Definition: E-mail identifying the account.

Datatype: "Max256Text" on page 2381

29.1.6.6.5.27.6.4 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: C6 "IBAN"

Datatype: "IBAN2007Identifier" on page 2375

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

29.1.6.6.5.27.6.5 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 2375

29.1.6.6.5.27.6.6 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 2376

29.1.6.6.5.27.6.7 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 2382

29.1.6.6.5.27.6.8 Other <Othr>

Presence: [1..1]

Definition: Other identifier.

Datatype: "Max35Text" on page 2382

29.1.6.6.5.27.7 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	C3	2010
Or}	ProprietaryIdentification <PrtryId>	[1..1]	±		2010

29.1.6.6.5.27.7.1 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: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

29.1.6.6.5.27.7.2 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 2020 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

29.1.6.6.5.28 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

29.1.7 Identification Information

29.1.7.1 GenericIdentification176

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

29.1.7.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.1.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 2355

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

29.1.7.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 2355

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

29.1.7.1.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2385

29.1.7.1.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.2 GenericIdentification90

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

29.1.7.2.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.2.2 Type <Tp>

Presence: [1..1]

Definition: Type of identified entity.

Datatype: "PartyType14Code" on page 2355

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

29.1.7.2.3 Issuer <lssr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2356

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

29.1.7.2.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2385

29.1.7.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.3 GenericIdentification177

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

29.1.7.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType33Code" on page 2355

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

29.1.7.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType33Code" on page 2355

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

29.1.7.3.4 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "Min2Max3AlphaText" on page 2385

29.1.7.3.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.3.6 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2216 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

29.1.7.3.7 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]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

29.1.7.3.7.1 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		2017
	Longitude <Long>	[1..1]	Text		2017

29.1.7.3.7.1.1 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 2382

29.1.7.3.7.1.2 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 2382

29.1.7.3.7.2 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		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

29.1.7.3.7.2.1 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 2382

29.1.7.3.7.2.2 UTMEastward <UTMEstwr>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator coordinate system.

Datatype: "Max35Text" on page 2382

29.1.7.3.7.2.3 UTMNorthward <UTMNrthwr>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator coordinate system.

Datatype: "Max35Text" on page 2382

29.1.7.4 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		2018
	IdentificationType <IdTp>	[1..1]	Text		2018

29.1.7.4.1 Identification <Id>

Presence: [1..1]

Definition: Identifier issued to a person for which no specific identifier has been defined.

Datatype: "Max35Text" on page 2382

29.1.7.4.2 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 2382

29.1.7.5 GenericIdentification32

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2019
	Type <Tp>	[0..1]	CodeSet		2019
	Issuer <Issr>	[0..1]	CodeSet		2019
	ShortName <ShrtNm>	[0..1]	Text		2020

29.1.7.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.5.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType3Code" on page 2356

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.

29.1.7.5.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity assigning the identification (for example merchant, acceptor, acquirer, or tax authority).

Datatype: "PartyType4Code" on page 2356

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

29.1.7.5.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2382

29.1.7.6 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		2020
	SchemeName <SchmeNm>	[0..1]	Text		2020
	Issuer <Issr>	[0..1]	Text		2020

29.1.7.6.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max35Text" on page 2382

29.1.7.6.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

Datatype: "Max35Text" on page 2382

29.1.7.6.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2382

29.1.7.7 GenericIdentification30

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		2021
	Issuer <Issr>	[1..1]	Text		2021
	SchemeName <SchmeNm>	[0..1]	Text		2021

29.1.7.7.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Exact4AlphaNumericText" on page 2378

29.1.7.7.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2382

29.1.7.7.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 2382

29.1.8 Miscellaneous

29.1.8.1 CardPaymentEnvironment81

Definition: Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		2027
	ServiceProvider <SvcPrvdr>	[0..1]	±		2027
	Merchant <Mrchnt>	[0..1]			2028
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029
	POI <POI>	[0..1]			2029
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032
	Card <Card>	[0..1]			2034
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037
	MaskedPAN <MskdPAN>	[0..1]	Text		2038

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039
	Check <Chck>	[0..1]			2039
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042
	StoredValueAccount <StordValAcct>	[0..*]			2042
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044
	EntryMode <NtryMd>	[0..1]	CodeSet		2044

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045
	LoyaltyAccount <LtyAcct>	[0..*]	±		2045
	CustomerDevice <CstmrDvc>	[0..1]	±		2046
	Wallet <Wlt>	[0..1]	±		2046
	PaymentToken <PmtTkn>	[0..1]	±		2046
	MerchantToken <MrchntTkn>	[0..1]	±		2047
	Cardholder <Crdhldr>	[0..1]			2047
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054
	Name <Nm>	[0..1]	Text		2054

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BlgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrdhldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <CrdhldrId>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <DrvrId>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIStyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072
	UTMCoordinates <UTMCordints>	[0..1]			2073

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074
	ProtectedCardholderData <PrtctdCrhdldrData>	[0..1]	±		2074
	SaleEnvironment <SaleEnv>	[0..1]			2075
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSplAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

Constraints

- **OneElementPresenceRule**

At least one of these subelements must be present.

29.1.8.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Acquirer involved in the card payment.

Acquirer <Acqrr> contains the following elements (see "Acquirer10" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1739
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1740

29.1.8.1.2 ServiceProvider <SvcPrvdr>

Presence: [0..1]

Definition: Third party agent which provides services.

ServiceProvider <SvcPrvdr> contains the following elements (see "[Acquirer10](#)" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		1739
	ParametersVersion <ParamsVrsn>	[0..1]	Text		1740

29.1.8.1.3 Merchant <Mrchnt>

Presence: [0..1]

Definition: Merchant performing the card payment transaction.

Usage: In some cases, merchant and acceptor may be regarded as the same entity.

Merchant <Mrchnt> contains the following **Organisation41** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	±		2028
	CommonName <CmonNm>	[0..1]	Text		2028
	LocationCategory <LctnCtgy>	[0..1]	CodeSet		2028
	LocationAndContact <LctnAndCtct>	[0..1]	±		2029
	SchemeData <SchmeData>	[0..1]	Text		2029

29.1.8.1.3.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the merchant.

Identification <Id> contains the following elements (see "[GenericIdentification32](#)" on page 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2019
	Type <Tp>	[0..1]	CodeSet		2019
	Issuer <Issr>	[0..1]	CodeSet		2019
	ShortName <ShrtNm>	[0..1]	Text		2020

29.1.8.1.3.2 CommonName <CmonNm>

Presence: [0..1]

Definition: Name of the merchant as appearing on the receipt.

Datatype: "[Max70Text](#)" on page 2384

29.1.8.1.3.3 LocationCategory <LctnCtgy>

Presence: [0..1]

Definition: Location category of the place where the merchant actually performed the transaction.

Datatype: "LocationCategory4Code" on page 2349

CodeName	Name	Definition
ABRD	Aboard	Aboard is used when the sale is done in a vehicle (e.g a bus, train, ship, airplane, taxi, etc).
NMDC	Nomadic	Nomadic is used when the merchant is traveling to different locations (e.g fair or sport events, home delivery, food truck).
FIXD	PhysicalShop	Fixed location, for example in a shop.
VIRT	VirtualShop	Virtual Shop is used for any ecommerce solution.

29.1.8.1.3.4 LocationAndContact <LctnAndCtct>

Presence: [0..1]

Definition: Location and contact information of the merchant performing the transaction.

LocationAndContact <LctnAndCtct> contains the following elements (see "[CommunicationAddress9](#)" on page 1741 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PostalAddress <PstlAdr>	[0..1]	±		1741
	Email <Email>	[0..1]	Text		1742
	URLAddress <URLAdr>	[0..1]	Text		1742
	Phone <Phne>	[0..1]	Text		1742
	CustomerService <CstmrSvc>	[0..1]	Text		1742
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1742

29.1.8.1.3.5 SchemeData <SchmeData>

Presence: [0..1]

Definition: Additional merchant data required by a card scheme.

Datatype: "Max140Text" on page 2380

29.1.8.1.4 POI <POI>

Presence: [0..1]

Definition: Point of interaction (POI) performing the transaction.

POI <POI> contains the following **PointOfInteraction15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		2030
	SystemName <SysNm>	[0..1]	Text		2030
	GroupIdentification <GrpId>	[0..1]	Text		2031
	Capabilities <Cpblties>	[0..1]	±		2031
	TimeZone <TmZone>	[0..1]	Text		2031
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		2031
	Component <Cmpnt>	[0..*]	±		2032

29.1.8.1.4.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the POI (Point Of Interaction) for the acquirer or its agent.

Identification <Id> contains the following elements (see "[GenericIdentification177](#)" on page 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

29.1.8.1.4.2 SystemName <SysNm>

Presence: [0..1]

Definition: Common name assigned by the acquirer to the POI (Point Of Interaction) system.

Datatype: "[Max70Text](#)" on page 2384

29.1.8.1.4.3 GroupIdentification <GrpId>

Presence: [0..1]

Definition: Identifier assigned by the merchant identifying a set of POI (Point Of Interaction) terminals performing some categories of transactions.

Datatype: "Max35Text" on page 2382

29.1.8.1.4.4 Capabilities <Cpblties>

Presence: [0..1]

Definition: Capabilities of the POI (Point Of Interaction) performing the transaction.

Capabilities <Cpblties> contains the following elements (see "PointOfInteractionCapabilities9" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapabilities <CardRdngCpblties>	[0..*]	CodeSet		2105
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2106
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2106
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2106
	MaxScriptLength <MxScrpLngh>	[0..1]	Quantity		2107
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2107
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2107
	MessageCapabilities <MsgCpblties>	[0..*]			2107
	Destination <Dstn>	[1..*]	CodeSet		2107
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2108
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2108
	LineWidth <LineWidth>	[0..1]	Quantity		2108
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C13	2108

29.1.8.1.4.5 TimeZone <TmZone>

Presence: [0..1]

Definition: Time zone name as defined by IANA (Internet Assigned Numbers Authority) in the time zone data base. America/Chicago or Europe/Paris are examples of time zone names.

Datatype: "Max70Text" on page 2384

29.1.8.1.4.6 TerminalIntegration <TermnlIntgtn>

Presence: [0..1]

Definition: Indicates the type of integration of the POI terminal in the sale environment.

Datatype: "LocationCategory3Code" on page 2348

CodeName	Name	Definition
INDR	Indoor	Indoor terminal.
IPMP	InsidePump	Terminal incorporated in the pump dispensing petrol.
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MPMP	MultiplePump	Outdoor terminal serving several petrol pumps.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.
VNDG	VendingMachine	Terminal integrated in a vending machine.

29.1.8.1.4.7 Component <Cmpnt>

Presence: [0..*]

Definition: Data related to a component of the POI (Point Of Interaction) performing the transaction.

Component <Cmpnt> contains the following elements (see "PointOfInteractionComponent17" on page 2196 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2198
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2199
	Identification <Id>	[1..1]			2200
	ItemNumber <ItmNb>	[0..1]	Text		2200
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2200
	Identification <Id>	[0..1]	Text		2200
	SerialNumber <SrlNb>	[0..1]	Text		2200
	Status <Sts>	[0..1]			2200
	VersionNumber <VrsnNb>	[0..1]	Text		2201
	Status <Sts>	[0..1]	CodeSet		2201
	ExpiryDate <XpryDt>	[0..1]	Date		2201
	StandardCompliance <StdCmplc>	[0..*]			2201
	Identification <Id>	[1..1]	Text		2201
	Version <Vrsn>	[1..1]	Text		2202
	Issuer <Issr>	[1..1]	Text		2202
	Characteristics <Chrtcs>	[0..1]			2202
	Memory <Mmry>	[0..*]			2203
	Identification <Id>	[1..1]	Text		2204
	TotalSize <TtlSz>	[1..1]	Quantity		2204
	FreeSize <FreeSz>	[1..1]	Quantity		2204
	Unit <Unit>	[1..1]	CodeSet		2204
	Communication <Com>	[0..*]			2204
	CommunicationType <ComTp>	[1..1]	CodeSet		2205
	RemoteParty <RmotPty>	[1..*]	CodeSet		2206
	Active <Actv>	[1..1]	Indicator		2206
	Parameters <Params>	[0..1]	±		2206
	PhysicalInterface <PhysIntrfc>	[0..1]			2207
	InterfaceName <IntrfcNm>	[1..1]	Text		2207
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2207
	UserName <UsrNm>	[0..1]	Text		2208

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccessCode <AccsCd>	[0..1]	Binary		2208
	SecurityProfile <SctyPrfl>	[0..1]	Text		2208
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2208
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2209
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2209
	SecurityElement <SctyElmt>	[0..*]	±		2209
	Assessment <Assmnt>	[0..*]			2210
	Type <Tp>	[1..1]	CodeSet		2211
	Assigner <Assgnr>	[1..*]	Text		2211
	DeliveryDate <DlrvyDt>	[0..1]	DateTime		2211
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2211
	Number <Nb>	[1..1]	Text		2211
	Package <Packg>	[0..*]			2212
	PackageIdentification <PackgId>	[0..1]	±		2212
	PackageLength <PackgLngh>	[0..1]	Quantity		2212
	OffsetStart <OffsetStart>	[0..1]	Quantity		2212
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2213
	PackageBlock <PackgBlck>	[0..*]			2213
	Identification <Id>	[1..1]	Text		2213
	Value <Val>	[0..1]	Binary		2213
	ProtectedValue <PrctcdVal>	[0..1]	±		2213
	Type <Tp>	[0..1]	Text		2214
	ProbeValue <PrbVal>	[0..1]	Binary		2214

29.1.8.1.5 Card <Card>

Presence: [0..1]

Definition: Payment card performing the transaction.

Card <Card> contains the following **PaymentCard35** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedCardData <PrtctdCardData>	[0..1]	±		2035
	PrivateCardData <PrvtCardData>	[0..1]	Binary		2036
	PlainCardData <PlainCardData>	[0..1]			2036
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		2037
	MaskedPAN <MskdPAN>	[0..1]	Text		2038
	IssuerBIN <IssrBIN>	[0..1]	Text		2038
	CardCountryCode <CardCtryCd>	[0..1]	Text		2038
	CardCurrencyCode <CardCcyCd>	[0..1]	Text		2038
	CardProductProfile <CardPdctPrfl>	[0..1]	Text		2038
	CardBrand <CardBrnd>	[0..1]	Text		2038
	CardProductType <CardPdctTp>	[0..1]	CodeSet		2038
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		2039
	InternationalCard <IntrnlCard>	[0..1]	Indicator		2039
	AllowedProduct <AllwdPdct>	[0..*]	Text		2039
	ServiceOption <SvcOptn>	[0..1]	Text		2039
	AdditionalCardData <AddtlCardData>	[0..1]	Text		2039

29.1.8.1.5.1 ProtectedCardData <PrtctdCardData>

Presence: [0..1]

Definition: Replacement of the message element PlainCardData by a digital envelope using a cryptographic key.

ProtectedCardData <PrtctdCardData> contains the following elements (see
"ContentInformationType40" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.8.1.5.2 PrivateCardData <PrvtCardData>

Presence: [0..1]

Definition: Replacement of the message element PlainCardData by a private envelope.

Datatype: "Max100KBinary" on page 2313

29.1.8.1.5.3 PlainCardData <PlainCardData>

Presence: [0..1]

Definition: Sensitive data associated with the card performing the transaction.

PlainCardData <PlainCardData> contains the following **PlainCardData22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[1..1]	Text		2036
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2036
	EffectiveDate <FctvDt>	[0..1]	Text		2036
	ExpiryDate <XpryDt>	[0..1]	Text		2037
	ServiceCode <SvcCd>	[0..1]	Text		2037
	Track1 <Trck1>	[0..1]	Text		2037
	Track2 <Trck2>	[0..1]	Text		2037
	Track3 <Trck3>	[0..1]	Text		2037
	CardholderName <CrdhldrNm>	[0..1]	Text		2037

29.1.8.1.5.3.1 PAN <PAN>

Presence: [1..1]

Definition: Primary Account Number (PAN) of the card, or surrogate of the PAN by a payment token.

Datatype: "Min8Max28NumericText" on page 2385

29.1.8.1.5.3.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a card or a payment token inside a set of cards with the same PAN or token.

Datatype: "Min2Max3NumericText" on page 2385

29.1.8.1.5.3.3 EffectiveDate <FctvDt>

Presence: [0..1]

Definition: Date from which the card can be used, expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

Datatype: "Max10Text" on page 2379

29.1.8.1.5.3.4 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the card or the payment token expressed either in the YYYY-MM format, or in the YYYY-MM-DD format.

Datatype: "Max10Text" on page 2379

29.1.8.1.5.3.5 ServiceCode <SvcCd>

Presence: [0..1]

Definition: Services attached to the card, as defined in ISO 7813.

Datatype: "Exact3NumericText" on page 2378

29.1.8.1.5.3.6 Track1 <Trck1>

Presence: [0..1]

Definition: ISO track 1 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The format is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max76Text" on page 2384

29.1.8.1.5.3.7 Track2 <Trck2>

Presence: [0..1]

Definition: ISO track 2 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max37Text" on page 2382

29.1.8.1.5.3.8 Track3 <Trck3>

Presence: [0..1]

Definition: ISO track 3 issued from the magnetic stripe card or from the ICC if the magnetic stripe was not read. The content is conform to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

Datatype: "Max104Text" on page 2379

29.1.8.1.5.3.9 CardholderName <CrdrHldrNm>

Presence: [0..1]

Definition: Name of the cardholder stored on the card.

Datatype: "Max45Text" on page 2383

29.1.8.1.5.4 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card.

Datatype: "Max70Text" on page 2384

29.1.8.1.5.5 MaskedPAN <MskdPAN>

Presence: [0..1]

Definition: Masked PAN to be printed on payment receipts or displayed to the cardholder. Masked digits may be absent or replaced by another character as '*'.

Datatype: "Max30Text" on page 2381

29.1.8.1.5.6 IssuerBIN <IssrBIN>

Presence: [0..1]

Definition: Bank identifier number of the issuer for routing purpose.

Datatype: "Max15NumericText" on page 2380

29.1.8.1.5.7 CardCountryCode <CardCtryCd>

Presence: [0..1]

Definition: Country code assigned to the card by the card issuer.

Datatype: "Max3Text" on page 2382

29.1.8.1.5.8 CardCurrencyCode <CardCcyCd>

Presence: [0..1]

Definition: Currency code of the card issuer (ISO 4217 numeric code).

Datatype: "Exact3AlphaNumericText" on page 2378

29.1.8.1.5.9 CardProductProfile <CardPdctPrfl>

Presence: [0..1]

Definition: Defines a category of cards related to the acceptance processing rules defined by the acquirer.

Datatype: "Max35Text" on page 2382

29.1.8.1.5.10 CardBrand <CardBrnd>

Presence: [0..1]

Definition: Brand name of the card.

Datatype: "Max35Text" on page 2382

29.1.8.1.5.11 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "CardProductType1Code" on page 2337

CodeName	Name	Definition
COMM	CommercialCard	Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business

CodeName	Name	Definition
		expenses or a self employed for business purposes.
CONS	ConsumerCard	Cards issued as a means of personal expenditure. The user is always an individual.

29.1.8.1.5.12 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Additional information to identify CardProduct.

Datatype: "Max35Text" on page 2382

29.1.8.1.5.13 InternationalCard <IntrnlCard>

Presence: [0..1]

Definition: True if the card may be used abroad.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.1.5.14 AllowedProduct <AllwdPdct>

Presence: [0..*]

Definition: Product that can be purchased with the card.

Datatype: "Max70Text" on page 2384

29.1.8.1.5.15 ServiceOption <SvcOptn>

Presence: [0..1]

Definition: Options to the service provided by the card.

Datatype: "Max35Text" on page 2382

29.1.8.1.5.16 AdditionalCardData <AddtlCardData>

Presence: [0..1]

Definition: Additional card issuer specific data.

Datatype: "Max70Text" on page 2384

29.1.8.1.6 Check <Chck>

Presence: [0..1]

Definition: Check Payment instrument.

Check <Chck> contains the following **Check1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BankIdentification <Bkld>	[0..1]	Text		2040
	AccountNumber <AcctNb>	[0..1]	Text		2040
	CheckNumber <ChckNb>	[0..1]	Text		2040
	CheckCardNumber <ChckCardNb>	[0..1]	Text		2040
	CheckTrackData2 <ChckTrckData2>	[0..1]			2040
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041
	CheckType <ChckTp>	[0..1]	CodeSet		2041
	Country <Ctry>	[0..1]	Text		2042

29.1.8.1.6.1 BankIdentification <Bkld>

Presence: [0..1]

Definition: Identification of the institution (bank) issuing the check.

Datatype: "Max35Text" on page 2382

29.1.8.1.6.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Identification of the account linked to the check.

Datatype: "Max35Text" on page 2382

29.1.8.1.6.3 CheckNumber <ChckNb>

Presence: [0..1]

Definition: Identification of the check.

Datatype: "Max35Text" on page 2382

29.1.8.1.6.4 CheckCardNumber <ChckCardNb>

Presence: [0..1]

Definition: Check guarantee card number.

The human readable number from the Check Guarantee Card that is presented during the check tendering process.

Datatype: "Max35Text" on page 2382

29.1.8.1.6.5 CheckTrackData2 <ChckTrckData2>

Presence: [0..1]

Definition: Track Data of the check to digitally identify the data.

CheckTrackData2 <ChckTrckData2> contains the following **TrackData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackNumber <TrckNb>	[0..1]	Quantity		2041
	TrackFormat <TrckFrmt>	[0..1]	CodeSet		2041
	TrackValue <TrckVal>	[1..1]	Text		2041

29.1.8.1.6.5.1 TrackNumber <TrckNb>

Presence: [0..1]

Definition: Track number of the card.

Datatype: "Number" on page 2377

29.1.8.1.6.5.2 TrackFormat <TrckFrmt>

Presence: [0..1]

Definition: Card or check track format.

Datatype: "TrackFormat1Code" on page 2369

CodeName	Name	Definition
AAMV	AAMVFormat	American driver license.
CMC7	CMC7CheckFormat	Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.
E13B	E13BCheckFormat	Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.
ISOF	ISOFormat	ISO card track format - ISO 7813 - ISO 4909.
JIS1	JISIFormat	Japanese track format I.
JIS2	JISIIFormat	Japanese track format II.

29.1.8.1.6.5.3 TrackValue <TrckVal>

Presence: [1..1]

Definition: Card track content or equivalent.

Datatype: "Max140Text" on page 2380

29.1.8.1.6.6 CheckType <ChckTp>

Presence: [0..1]

Definition: Type of the check (personal or professional).

Datatype: "CheckType1Code" on page 2337

CodeName	Name	Definition
BANK	BankCheck	The check is guaranteed by a bank.

CodeName	Name	Definition
BUSI	BusinessCheck	The check belongs to a Company or a professional entity.
GOVC	GovernmentCheck	Check issued by Government.
PAYR	PayrollCheck	Check issued by a company for the employees.
PERS	PersonalCheck	The check belongs to an individual.

29.1.8.1.6.7 Country <Ctry>

Presence: [0..1]

Definition: Country of the check.

Datatype: "Max3Text" on page 2382

29.1.8.1.7 StoredValueAccount <StordValAcct>

Presence: [0..*]

Definition: Store value account payment instrument.

StoredValueAccount <StordValAcct> contains the following **StoredValueAccount2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[0..1]	CodeSet		2042
	IdentificationType <IdTp>	[0..1]	CodeSet		2043
	Identification <Id>	[0..1]	Text		2043
	Brand <Brnd>	[0..1]	Text		2044
	Provider <Prvdr>	[0..1]	Text		2044
	OwnerName <OwnrNm>	[0..1]	Text		2044
	ExpiryDate <XpryDt>	[0..1]	Text		2044
	EntryMode <NtryMd>	[0..1]	CodeSet		2044
	Currency <Ccy>	[0..1]	CodeSet	C1	2045
	Balance <Bal>	[0..1]	Amount		2045

29.1.8.1.7.1 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of stored value account.

Datatype: "StoredValueAccountType1Code" on page 2367

CodeName	Name	Definition
BNKA	BankPrepaidAccount	Prepaid account managed by a financial institution for low income customers.
CWVC	CarwashVoucher	Car wash specific account.

CodeName	Name	Definition
CPYA	CompanyPrepaidAccount	Specific prepaid account for companies or professionals expenses.
ELMY	ElectronicMoneyAccount	Account supporting e-money issued by an electronic money issuer.
GIFT	GiftCard	Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.
GCER	GiftCertificate	Certificate to be given to a customer. Usually one shot voucher.
MLVC	MealVoucher	Meal and check voucher for restaurants.
OLVC	OnlineVoucher	Voucher that can be used online once or in several times.
MERC	MerchantAccount	Prepaid account open with a merchant or big retailers.
OTHR	OtherPrepaidAccount	Other non listed stored value instrument.
PHON	PhoneCard	Stored value instrument used to pay telephone services (e.g. card or identifier).
CARD	SmartCardTag	Stored value account hold on the chip of a smart card.
TRVL	Travel	Travel prepaid account.

29.1.8.1.7.2 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Stored Value Account.

Datatype: "CardIdentificationType1Code" on page 2334

CodeName	Name	Definition
ACCT	AccountNumber	Account identification.
BARC	BarCode	Bar-code with a specific form of identification.
ISO2	ISOTrack2	ISO Track 2 including identification.
PHON	PhoneNumber	A phone number identifies the account on which the phone card is assigned.
CPAN	PrimaryAccountNumber	Standard card identification (card number).
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

29.1.8.1.7.3 Identification <Id>

Presence: [0..1]

Definition: Identification of Stored Value Account.

Datatype: "Max35Text" on page 2382

29.1.8.1.7.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2382

29.1.8.1.7.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Stored Value Account.

Datatype: "Max35Text" on page 2382

29.1.8.1.7.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2383

29.1.8.1.7.7 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the account of card.

Datatype: "Max10Text" on page 2379

29.1.8.1.7.8 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Stored Value account or card.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

CodeName	Name	Definition
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.8.1.7.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the Stored Value account.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.1.7.10 Balance <Bal>

Presence: [0..1]

Definition: Current balance of the Stored Value account.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.1.8 LoyaltyAccount <LltyAcct>

Presence: [0..*]

Definition: Store value account associated to the payment.

LoyaltyAccount <LtyAcct> contains the following elements (see "[LoyaltyAccount3](#)" on page 2083 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <LtyId>	[1..1]	Text		2083
	EntryMode <NtryMd>	[0..1]	CodeSet		2084
	IdentificationType <IdTp>	[0..1]	CodeSet		2084
	Brand <Brnd>	[0..1]	Text		2085
	Provider <Prvdr>	[0..1]	Text		2085
	OwnerName <OwnrNm>	[0..1]	Text		2085
	Unit <Unit>	[0..1]	CodeSet		2085
	Currency <Ccy>	[0..1]	CodeSet	C1	2085
	Balance <Bal>	[0..1]	Amount		2086

29.1.8.1.9 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Device used by the customer to perform the payment transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "[CustomerDevice3](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2089
	Type <Tp>	[0..1]	Text		2089
	Provider <Prvdr>	[0..1]	Text		2089

29.1.8.1.10 Wallet <Wllt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wllt> contains the following elements (see "[CustomerDevice3](#)" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2089
	Type <Tp>	[0..1]	Text		2089
	Provider <Prvdr>	[0..1]	Text		2089

29.1.8.1.11 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Payment token information.

PaymentToken <PmtTkn> contains the following elements (see "Token1" on page 2307 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2307
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2307
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2307
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2308
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2308
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2308

29.1.8.1.12 MerchantToken <MrchntTkn>

Presence: [0..1]

Definition: Merchant token information.

MerchantToken <MrchntTkn> contains the following elements (see "MerchantToken2" on page 2310 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2310
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2311
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2311
	TokenRequestor <TknRqstr>	[0..1]			2311
	ProviderIdentification <Prvdrlld>	[1..1]	Text		2311
	RequestorIdentification <Rqstrld>	[1..1]	Text		2311
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2311
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2311
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2312
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2312

29.1.8.1.13 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder involved in the card payment.

Cardholder <Crhdldr> contains the following **Cardholder21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]			2051
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054
	Name <Nm>	[0..1]	Text		2054
	Language <Lang>	[0..1]	CodeSet	C13	2054
	BillingAddress <BllgAdr>	[0..1]	±		2055
	ShippingAddress <ShppgAdr>	[0..1]	±		2055
	TripNumber <TripNb>	[0..1]	Text		2056
	Vehicle <Vhcl>	[0..1]	±		2056
	Authentication <Authntcn>	[0..*]			2057
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlick>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <Crhdldrld>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <Drvrld>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIScItyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrldNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeeldNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068
	TransactionVerificationResult <TxVrfctnRslt>	[0..*]			2068
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <Rslt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRslt>	[0..1]	Text		2070
	PersonalData <PrsnlData>	[0..1]	Text		2071
	MobileData <MobData>	[0..*]			2071
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073
	SensitiveMobileData <SnstvMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrctcdMobData>	[0..1]	±		2074

29.1.8.1.13.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the cardholder involved in a transaction.

Identification <Id> contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2051
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2051
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2052
	DriverIdentification <DrvrId>	[0..1]	Text		2052
	CustomerNumber <CstmrNb>	[0..1]	Text		2052
	SocialSecurityNumber <ScIscTyNb>	[0..1]	Text		2052
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2052
	PassportNumber <PsptNb>	[0..1]	Text		2052
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2052
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2052
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2053
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2053
	JobNumber <JobNb>	[0..1]	Text		2053
	Department <Dept>	[0..1]	Text		2053
	EmailAddress <EmailAdr>	[0..1]	Text		2053
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2053
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054
	Other <Othr>	[0..*]	±		2054

29.1.8.1.13.1.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

Definition: Number assigned by a license authority to a driver's license.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

Definition: Country, state or province, issuer of the driver license.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.4 DriverIdentification <DrvrId>

Presence: [0..1]

Definition: Identification of the driver in the fleet of vehicle.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.5 CustomerNumber <CstmrNb>

Presence: [0..1]

Definition: Number assigned by an agent to identify its customer.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.6 SocialSecurityNumber <SciSctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

Definition: Number assigned by a government agency to identify foreign nationals.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.8 PassportNumber <PsptNb>

Presence: [0..1]

Definition: Number assigned by a passport authority to a passport.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

Definition: Number assigned by a tax authority to an entity.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

Definition: Number assigned by a national authority to an identity card.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]
Definition: Number assigned to an employer by a registration authority.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.12 EmployeeIdentificationNumber <MplyeIdNb>

Presence: [0..1]
Definition: Number assigned to an employee by a employer.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.13 JobNumber <JobNb>

Presence: [0..1]
Definition: Identification of the job.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.14 Department <Dept>

Presence: [0..1]
Definition: Identification of the department.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.15 EmailAddress <EmailAdr>

Presence: [0..1]
Definition: Address for electronic mail (e-mail).
Datatype: "Max256Text" on page 2381

29.1.8.1.13.1.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

Presence: [0..1]
Definition: Date and place of birth of a person.

DateAndPlaceOfBirth <DtAndPlcOfBirth> contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2053
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2054
	CityOfBirth <CityOfBirth>	[1..1]	Text		2054
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2054

29.1.8.1.13.1.16.1 BirthDate <BirthDt>

Presence: [1..1]
Definition: Date on which a person is born.
Datatype: "ISODate" on page 2374

29.1.8.1.13.1.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.1.16.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2338

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

29.1.8.1.13.1.17 Other <Othr>

Presence: [0..*]

Definition: Unique identification of a person, as assigned by an institution, using an identification scheme.

Other <Othr> contains the following elements (see "GenericIdentification4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2018
	IdentificationType <IdTp>	[1..1]	Text		2018

29.1.8.1.13.2 Name <Nm>

Presence: [0..1]

Definition: Cardholder name associated with the card.

Datatype: "Max45Text" on page 2383

29.1.8.1.13.3 Language <Lang>

Presence: [0..1]

Definition: Language selected for the cardholder interface during the transaction.

Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.8.1.13.4 BillingAddress <BllgAdr>

Presence: [0..1]

Definition: Postal address of the owner of the payment card.

BillingAddress <BllgAdr> contains the following elements (see "PostalAddress22" on page 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2238
	Department <Dept>	[0..1]	Text		2238
	SubDepartment <SubDept>	[0..1]	Text		2238
	AddressLine <AdrLine>	[0..2]	Text		2238
	StreetName <StrtNm>	[0..1]	Text		2239
	BuildingNumber <BldgNb>	[0..1]	Text		2239
	PostCode <PstCd>	[0..1]	Text		2239
	TownName <TwnNm>	[0..1]	Text		2239
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2239
	CountryCode <CtryCd>	[0..1]	Text		2239

29.1.8.1.13.5 ShippingAddress <ShppgAdr>

Presence: [0..1]

Definition: Postal address for delivery of goods or services.

ShippingAddress <ShppgAdr> contains the following elements (see "PostalAddress22" on page 2237 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]	CodeSet		2238
	Department <Dept>	[0..1]	Text		2238
	SubDepartment <SubDept>	[0..1]	Text		2238
	AddressLine <AdrLine>	[0..2]	Text		2238
	StreetName <StrtNm>	[0..1]	Text		2239
	BuildingNumber <BldgNb>	[0..1]	Text		2239
	PostCode <PstCd>	[0..1]	Text		2239
	TownName <TwnNm>	[0..1]	Text		2239
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2239
	CountryCode <CtryCd>	[0..1]	Text		2239

29.1.8.1.13.6 TripNumber <TripNb>

Presence: [0..1]

Definition: Identification of the trip.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.7 Vehicle <Vhcl>

Presence: [0..1]

Definition: Information related to the vehicle used for the transaction.

Vehicle <Vhcl> contains the following elements (see "Vehicle1" on page 2098 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		2099
	TrailerNumber <TrlrNb>	[0..1]	Text		2099
	VehicleTag <VhclTag>	[0..1]	Text		2100
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2100
	UnitNumber <UnitNb>	[0..1]	Text		2100
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2100
	Odometer <Odmtr>	[0..1]	Quantity		2100
	Hubometer <Hbmtr>	[0..1]	Quantity		2101
	TrailerHours <TrlrHrs>	[0..1]	Text		2101
	ReferHours <RefrHrs>	[0..1]	Text		2101
	Maintenanceldentification <Mntncld>	[0..1]	Text		2101
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2101
	PAN <PAN>	[0..1]	Text		2101
	Track1 <Trck1>	[0..1]	Text		2102
	Track2 <Trck2>	[0..1]	Text		2102
	Track3 <Trck3>	[0..1]	Text		2102
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2102
	EntryMode <NtryMd>	[0..1]	CodeSet		2102
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2103
	Type <Tp>	[0..1]	Text		2103
	EntryMode <NtryMd>	[0..1]	CodeSet		2103
	Data <Data>	[1..1]	Text		2104

29.1.8.1.13.8 Authentication <Authntcn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction to authenticate the cardholder and its card.

Authentication <Authntcn> contains the following **CardholderAuthentication17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthenticationMethod <AuthntcnMtd>	[0..1]	CodeSet		2059
	AuthenticationExemption <AuthntcnXmptn>	[0..1]	CodeSet		2060
	AuthenticationValue <AuthntcnVal>	[0..1]	Binary		2061
	ProtectedAuthenticationValue <PrctcdAuthntcnVal>	[0..1]	±		2061
	CardholderOnLinePIN <CrhdldrOnLinePIN>	[0..1]			2061
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062
	CardholderIdentification <CrhdldrId>	[0..1]			2062
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <DrvrId>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <SciSctyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066
	AddressVerification <AdrVrfctn>	[0..1]			2066

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067
	AuthenticationType <AuthntcnTp>	[0..1]	Text		2067
	AuthenticationLevel <AuthntcnLvl>	[0..1]	Text		2067
	AuthenticationResult <AuthntcnRslt>	[0..1]	CodeSet		2067
	AuthenticationAdditionalInformation <AuthntcnAddtlInf>	[0..1]			2067
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068

29.1.8.1.13.8.1 AuthenticationMethod <AuthntcnMtd>

Presence: [0..1]

Definition: Method and data intended to be used for this transaction to authenticate the cardholder or its card.

Datatype: "AuthenticationMethod8Code" on page 2328

CodeName	Name	Definition
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
ADDB	BillingAddressVerification	Cardholder billing address verification.
BYPS	Bypass	Authentication bypassed by the merchant.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
MERC	MerchantAuthentication	Merchant-related authentication.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).

CodeName	Name	Definition
OTHR	Other	Other customer authentication.
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PSWD	Password	Authentication by a password.
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
UKNW	UnknownMethod	Authentication method is performed unknown.

29.1.8.1.13.8.2 AuthenticationExemption <AuthntcnXmptn>

Presence: [0..1]

Definition: If Strong Customer Authentication is not mandated to process the transaction, this message element must identify the reason of exemption.

Datatype: "Exemption1Code" on page 2341

CodeName	Name	Definition
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
MINT	MerchantInitiatedTransaction	Transaction is initiated by the Card Acceptor.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
SCAD	StrongCustomerAuthenticationDelegation	Card Acceptor is a strong customer authentication delegate.

CodeName	Name	Definition
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

29.1.8.1.13.8.3 AuthenticationValue <AuthntcnVal>

Presence: [0..1]

Definition: Value used to authenticate the cardholder.

Datatype: "Max5000Binary" on page 2314

29.1.8.1.13.8.4 ProtectedAuthenticationValue <PrctcdAuthntcnVal>

Presence: [0..1]

Definition: Protection of the authentication value.

ProtectedAuthenticationValue <PrctcdAuthntcnVal> contains the following elements (see "ContentInformationType40" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.8.1.13.8.5 CardholderOnLinePIN <CrdhldrOnLinePIN>

Presence: [0..1]

Definition: Encrypted personal identification number (PIN) and related information.

CardholderOnLinePIN <CrdhldrOnLinePIN> contains the following **OnLinePIN11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	±		2061
	PINFormat <PINFrmt>	[1..1]	CodeSet		2062
	AdditionalInput <AddtlInpt>	[0..1]	Text		2062

29.1.8.1.13.8.5.1 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: Encrypted PIN (Personal Identification Number).

EncryptedPINBlock <NcrptdPINBlck> contains the following elements (see
"ContentInformationType40" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.8.1.13.8.5.2 PINFormat <PINFrmt>

Presence: [1..1]

Definition: PIN (Personal Identification Number) format before encryption.

Datatype: "PINFormat3Code" on page 2358

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

29.1.8.1.13.8.5.3 AdditionalInput <AddtlInpt>

Presence: [0..1]

Definition: Additional information required to verify the PIN (Personal Identification Number).

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6 CardholderIdentification <CrhdldrId>

Presence: [0..1]

Definition: Identification of the cardholder to verify.

CardholderIdentification <CrhdIdrId> contains the following **PersonIdentification15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverLicenseNumber <DrvrLicNb>	[0..1]	Text		2063
	DriverLicenseLocation <DrvrLicLctn>	[0..1]	Text		2063
	DriverLicenseName <DrvrLicNm>	[0..1]	Text		2063
	DriverIdentification <DrvrId>	[0..1]	Text		2064
	CustomerNumber <CstmrNb>	[0..1]	Text		2064
	SocialSecurityNumber <ScIScTyNb>	[0..1]	Text		2064
	AlienRegistrationNumber <AlnRegnNb>	[0..1]	Text		2064
	PassportNumber <PsptNb>	[0..1]	Text		2064
	TaxIdentificationNumber <TaxIdNb>	[0..1]	Text		2064
	IdentityCardNumber <IdntyCardNb>	[0..1]	Text		2064
	EmployerIdentificationNumber <MplyrIdNb>	[0..1]	Text		2064
	EmployeeIdentificationNumber <MplyeIdNb>	[0..1]	Text		2065
	JobNumber <JobNb>	[0..1]	Text		2065
	Department <Dept>	[0..1]	Text		2065
	EmailAddress <EmailAdr>	[0..1]	Text		2065
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2065
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066
	Other <Othr>	[0..*]	±		2066

29.1.8.1.13.8.6.1 DriverLicenseNumber <DrvrLicNb>

Presence: [0..1]

Definition: Number assigned by a license authority to a driver's license.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.2 DriverLicenseLocation <DrvrLicLctn>

Presence: [0..1]

Definition: Country, state or province, issuer of the driver license.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.3 DriverLicenseName <DrvrLicNm>

Presence: [0..1]

Definition: Name or title of the driver license.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.4 DriverIdentification <DrvrlId>

Presence: [0..1]

Definition: Identification of the driver in the fleet of vehicle.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.5 CustomerNumber <CstmrNb>

Presence: [0..1]

Definition: Number assigned by an agent to identify its customer.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.6 SocialSecurityNumber <ScISctyNb>

Presence: [0..1]

Definition: Number assigned by a social security agency.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.7 AlienRegistrationNumber <AlnRegnNb>

Presence: [0..1]

Definition: Number assigned by a government agency to identify foreign nationals.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.8 PassportNumber <PsptNb>

Presence: [0..1]

Definition: Number assigned by a passport authority to a passport.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.9 TaxIdentificationNumber <TaxIdNb>

Presence: [0..1]

Definition: Number assigned by a tax authority to an entity.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.10 IdentityCardNumber <IdntyCardNb>

Presence: [0..1]

Definition: Number assigned by a national authority to an identity card.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.11 EmployerIdentificationNumber <MplyrIdNb>

Presence: [0..1]

Definition: Number assigned to an employer by a registration authority.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.12 EmployeeIdentificationNumber <MplyeeldNb>

Presence: [0..1]
Definition: Number assigned to an employee by a employer.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.13 JobNumber <JobNb>

Presence: [0..1]
Definition: Identification of the job.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.14 Department <Dept>

Presence: [0..1]
Definition: Identification of the department.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.15 EmailAddress <EmailAdr>

Presence: [0..1]
Definition: Address for electronic mail (e-mail).
Datatype: "Max256Text" on page 2381

29.1.8.1.13.8.6.16 DateAndPlaceOfBirth <DtAndPlcOfBirth>

Presence: [0..1]
Definition: Date and place of birth of a person.

DateAndPlaceOfBirth <DtAndPlcOfBirth> contains the following DateAndPlaceOfBirth1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BirthDate <BirthDt>	[1..1]	Date		2065
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2065
	CityOfBirth <CityOfBirth>	[1..1]	Text		2066
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2066

29.1.8.1.13.8.6.16.1 BirthDate <BirthDt>

Presence: [1..1]
Definition: Date on which a person is born.
Datatype: "ISODate" on page 2374

29.1.8.1.13.8.6.16.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]
Definition: Province where a person was born.
Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.16.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.6.16.4 CountryOfBirth <CtrOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2338

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

29.1.8.1.13.8.6.17 Other <Othr>

Presence: [0..*]

Definition: Unique identification of a person, as assigned by an institution, using an identification scheme.

Other <Othr> contains the following elements (see "GenericIdentification4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2018
	IdentificationType <IdTp>	[1..1]	Text		2018

29.1.8.1.13.8.7 AddressVerification <AdrVrfctn>

Presence: [0..1]

Definition: Numeric characters of the cardholder's billing or shipping address for verification.

AddressVerification <AdrVrfctn> contains the following **AddressVerification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressDigits <AdrDgts>	[0..1]	Text		2066
	PostalCodeDigits <PstlCdDgts>	[0..1]	Text		2067

29.1.8.1.13.8.7.1 AddressDigits <AdrDgts>

Presence: [0..1]

Definition: Numeric characters from the cardholder's address excluding the postal code (that is street number).

Datatype: "Max5NumericText" on page 2383

29.1.8.1.13.8.7.2 PostalCodeDigits <PstlCdDgts>

Presence: [0..1]

Definition: Numeric characters from the cardholder's postal code.

Datatype: "Max5NumericText" on page 2383

29.1.8.1.13.8.8 AuthenticationType <AuthntcnTp>

Presence: [0..1]

Definition: Type of authentication for a given method - e.g. three-domain authentication, scheme-proprietary authentication, etc.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.9 AuthenticationLevel <AuthntcnLvl>

Presence: [0..1]

Definition: Level of authentication for a given type - e.g. value assigned by scheme rules or by bilateral agreements.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.8.10 AuthenticationResult <AuthntcnRslt>

Presence: [0..1]

Definition: Result of authentication.

Datatype: "AuthenticationResult1Code" on page 2330

CodeName	Name	Definition
DENY	Denial	The authentication didn't succeed.
MRCH	MerchantNotEnroled	Merchant not enrolled in the authentication programme.
CARD	NonParticipation	The card does not participate in the authentication programme.
AUTH	UnableToAuthenticate	The authentication couldn't be carried out.
CRPT	WithCryptogram	Authentication succeeded with a cryptogram.
UCRP	WithoutCryptogram	Authentication succeeded without a cryptogram.

29.1.8.1.13.8.11 AuthenticationAdditionalInformation <AuthntcnAddtlInf>

Presence: [0..1]

Definition: Additional information related to the result of the authentication.

AuthenticationAdditionalInformation <AuthntcnAddtlInf> contains the following
ExternallyDefinedData5 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2068
	Value <Val>	[0..1]	Binary		2068
	ProtectedValue <PrctcdVal>	[0..1]	±		2068
	Type <Tp>	[0..1]	Text		2068

29.1.8.1.13.8.11.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

29.1.8.1.13.8.11.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

29.1.8.1.13.8.11.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.8.1.13.8.11.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "Max1025Text" on page 2379

29.1.8.1.13.9 TransactionVerificationResult <TxVrfctnRslt>

Presence: [0..*]

Definition: Result of performed verifications for the transaction.

TransactionVerificationResult <TxVrfctnRsIt> contains the following
TransactionVerificationResult4 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[1..1]	CodeSet		2069
	VerificationEntity <VrfctnNtty>	[0..1]	CodeSet		2070
	Result <RsIt>	[0..1]	CodeSet		2070
	AdditionalResult <AddtlRsIt>	[0..1]	Text		2070

29.1.8.1.13.9.1 Method <Mtd>

Presence: [1..1]

Definition: Method of verification that has been performed.

Datatype: "AuthenticationMethod6Code" on page 2327

CodeName	Name	Definition
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
PPSG	PaperSignature	Handwritten paper signature.
PSWD	Password	Authentication by a password.
SCRT	SecureCertificate	Electronic commerce transaction secured with the X.509 certificate of a customer.
SCNL	SecuredChannel	Channel-encrypted transaction.
SNCT	SecureNoCertificate	Secure electronic transaction without cardholder certificate.
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
ADDB	BillingAddressVerification	Cardholder billing address verification.
BIOM	Biometry	Biometric authentication of the cardholder.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
CSCV	CSCVerification	Verification of Card Security Code.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
CSEC	SecureElectronicCommerce	Authentication performed during a secure electronic commerce transaction.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
MANU	ManualVerification	Manual verification, for example passport or drivers license.

CodeName	Name	Definition
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
TOKP	PaymentToken	Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.

29.1.8.1.13.9.2 VerificationEntity <VrfctnNtty>

Presence: [0..1]

Definition: Entity or device that has performed the verification.

Datatype: "AuthenticationEntity2Code" on page 2327

CodeName	Name	Definition
ICCD	ICC	Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.
AGNT	AuthorisedAgent	Authorisation agent of the issuer.
MERC	Merchant	Merchant (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
ISSR	Issuer	Card issuer.
TRML	Terminal	Secure application in the terminal.

29.1.8.1.13.9.3 Result <RsIt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification1Code" on page 2374

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

29.1.8.1.13.9.4 AdditionalResult <AddtlRsIt>

Presence: [0..1]

Definition: Additional result of the verification.

Datatype: "Max500Text" on page 2383

29.1.8.1.13.10 PersonalData <PrsnlData>

Presence: [0..1]

Definition: Identifies personal data related to the cardholder.

Datatype: "Max70Text" on page 2384

29.1.8.1.13.11 MobileData <MobData>

Presence: [0..*]

Definition: Data related to the mobile of stakeholder.

MobileData <MobData> contains the following **MobileData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MobileCountryCode <MobCtryCd>	[0..1]	Text		2071
	MobileNetworkCode <MobNtwkCd>	[0..1]	Text		2071
	MobileMaskedMSISDN <MobMskdMSISDN>	[0..1]	Text		2072
	Geolocation <Glctn>	[0..1]			2072
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2073
	SensitiveMobileData <SnstivMobData>	[0..1]			2073
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074
	ProtectedMobileData <PrtctdMobData>	[0..1]	±		2074

29.1.8.1.13.11.1 MobileCountryCode <MobCtryCd>

Presence: [0..1]

Definition: Identifies the country of a mobile phone operator.

Datatype: "Min2Max3AlphaText" on page 2385

29.1.8.1.13.11.2 MobileNetworkCode <MobNtwkCd>

Presence: [0..1]

Definition: Identifies the mobile phone operator inside a country.

Datatype: "Min2Max3NumericText" on page 2385

29.1.8.1.13.11.3 MobileMaskedMSISDN <MobMskdMSISDN>

Presence: [0..1]

Definition: Masked Mobile Subscriber Integrated Service Digital Network.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.11.4 Geolocation <Glctn>

Presence: [0..1]

Definition: Geographic location specified by geographic or UTM coordinates.

Geolocation <Glctn> contains the following **Geolocation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	GeographicCoordinates <GeogcCordints>	[0..1]			2072
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072
	UTMCoordinates <UTMCordints>	[0..1]			2073
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2073

29.1.8.1.13.11.4.1 GeographicCoordinates <GeogcCordints>

Presence: [0..1]

Definition: Geographic location specified by geographic coordinates.

GeographicCoordinates <GeogcCordints> contains the following **GeolocationGeographicCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Latitude <Lat>	[1..1]	Text		2072
	Longitude <Long>	[1..1]	Text		2072

29.1.8.1.13.11.4.1.1 Latitude <Lat>

Presence: [1..1]

Definition: Angular distance of a location on the earth south or north of the equator.

The latitude is measured in degrees, minutes and seconds, following by "N" for the north and "S" for the south of the equator. For example: 48°51'29" N the Eiffel Tower latitude.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.11.4.1.2 Longitude <Long>

Presence: [1..1]

Definition: Angular measurement of the distance of a location on the earth east or west of the Greenwich observatory.

The longitude is measured in degrees, minutes and seconds, following by "E" for the east and "W" for the west. For example: 23°27'30" E.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.11.4.2 UTMCoordinates <UTMCordints>

Presence: [0..1]

Definition: Geographic location specified by UTM coordinates.

UTMCoordinates <UTMCordints> contains the following **GeolocationUTMCoordinates1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UTMZone <UTMZone>	[1..1]	Text		2073
	UTMEastward <UTMEstwrdr>	[1..1]	Text		2073
	UTMNorthward <UTMNrthwrdr>	[1..1]	Text		2073

29.1.8.1.13.11.4.2.1 UTMZone <UTMZone>

Presence: [1..1]

Definition: UTM grid zone combination of the longitude zone (1 to 60) and the latitude band (C to X, excluding I and O).

Datatype: "Max35Text" on page 2382

29.1.8.1.13.11.4.2.2 UTMEastward <UTMEstwrdr>

Presence: [1..1]

Definition: X-coordinate of the Universal Transverse Mercator coordinate system.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.11.4.2.3 UTMNorthward <UTMNrthwrdr>

Presence: [1..1]

Definition: Y-coordinate of the Universal Transverse Mercator coordinate system.

Datatype: "Max35Text" on page 2382

29.1.8.1.13.11.5 SensitiveMobileData <SnstvMobData>

Presence: [0..1]

Definition: Sensitive information related to the mobile phone.

SensitiveMobileData <SnstvMobData> contains the following **SensitiveMobileData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MSISDN <MSISDN>	[1..1]	Text		2074
	IMSI <IMSI>	[0..1]	Text		2074
	IMEI <IMEI>	[0..1]	Text		2074

29.1.8.1.13.11.5.1 MSISDN <MSISDN>

Presence: [1..1]

Definition: identifies the mobile - Mobile Subscriber Integrated Service Digital Network (The SIM identifier).

Datatype: "Max35NumericText" on page 2382

29.1.8.1.13.11.5.2 IMSI <IMSI>

Presence: [0..1]

Definition: International Mobile Subscriber Identity is a unique number associated with the mobile phone user, containing the Mobile Country Code (MCC), the Mobile Network Code (MNC), and the Mobile Identification Number (MSIN).

Datatype: "Max35NumericText" on page 2382

29.1.8.1.13.11.5.3 IMEI <IMEI>

Presence: [0..1]

Definition: International Mobile Equipment Identity is a number usually unique to identify a mobile phone.

Datatype: "Max35NumericText" on page 2382

29.1.8.1.13.11.6 ProtectedMobileData <PrtctdMobData>

Presence: [0..1]

Definition: Sensitive information related to the mobile phone, protected by CMS.

ProtectedMobileData <PrtctdMobData> contains the following elements (see "ContentInformationType40" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.8.1.14 ProtectedCardholderData <PrtctdCrhdlrData>

Presence: [0..1]

Definition: Replacement of the message element Cardholder by a digital envelope using a cryptographic key.

ProtectedCardholderData <PrctcdCrhdldrData> contains the following elements (see
"ContentInformationType40" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.8.1.15 SaleEnvironment <SaleEnv>

Presence: [0..1]

Definition: Sale Retailer Environment for this message.

SaleEnvironment <SaleEnv> contains the following **RetailerSaleEnvironment2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleCapabilities <SaleCpblties>	[0..*]	CodeSet		2075
	Currency <Ccy>	[0..1]	CodeSet	C1	2076
	MinimumAmountToDeliver <MinAmtToDlvr>	[0..1]	Amount		2076
	MaximumCashBackAmount <MaxCshBckAmt>	[0..1]	Amount		2076
	MinimumSplitAmount <MinSpltAmt>	[0..1]	Amount		2077
	DebitPreferredFlag <DbtPrefrdFlg>	[0..1]	Indicator		2077
	LoyaltyHandling <LtyHdlg>	[0..1]	CodeSet		2077

29.1.8.1.15.1 SaleCapabilities <SaleCpblties>

Presence: [0..*]

Definition: Capabilities of the Sale system.

Datatype: "SaleCapabilities1Code" on page 2366

CodeName	Name	Definition
CHDI	CashierDisplay	Standard Cashier display interface (to ask question, or to show information).
CHER	CashierError	To display to the Cashier information related to an error situation occurring on the POI.
CHIN	CashierInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.
CHST	CashierStatus	To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.

CodeName	Name	Definition
CUDI	CustomerDisplay	Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.
CUAS	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
CUER	CustomerError	To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.
CUIN	CustomerInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
PRDC	PrinterDocument	When the POI System wants to print specific document (check, dynamic currency conversion ...).
PRRP	PrinterReceipt	Printer for the Payment receipt.
PRVC	PrinterVoucher	Coupons, voucher or special ticket generated by the POI and to be printed.

29.1.8.1.15.2 Currency <Ccy>

Presence: [0..1]

Definition: Default currency associated with the sale system.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.1.15.3 MinimumAmountToDeliver <MinAmtToDlvr>

Presence: [0..1]

Definition: Minimum amount the Sale System is allowed to deliver for this payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.1.15.4 MaximumCashBackAmount <MaxCshBckAmt>

Presence: [0..1]

Definition: Maximum amount which could be requested for cash-back.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.1.15.5 MinimumSplitAmount <MinSpltAmt>

Presence: [0..1]

Definition: Minimum amount to split a sale transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.1.15.6 DebitPreferredFlag <DbtPrefrdFlg>

Presence: [0..1]

Definition: Flag if preferred type of payment is a debit transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.1.15.7 LoyaltyHandling <LltyHdlg>

Presence: [0..1]

Definition: Way of Loyalty handling.

Datatype: "LoyaltyHandling1Code" on page 2349

CodeName	Name	Definition
ALLO	Allowed	The loyalty is accepted, but the POI has not to require or ask a loyalty card. The loyalty is involved by the payment card (e.g. an hybrid or linked card).
DENY	Forbidden	No loyalty card to read and loyalty transaction to process. Any attempt to enter a pure loyalty card is rejected.
PRCS	Processed	The loyalty transaction is already processed, no loyalty card or loyalty transaction to process.
PROP	Proposed	The loyalty is accepted, and the POI has to ask a loyalty card. If the Customer does not enter a loyalty card, no loyalty transaction is realised.
REQU	Required	The loyalty is required, and the POI refuses the processing of the message request if the cardholder does not enter a loyalty card.

29.1.8.2 Instalment5

Definition: Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

29.1.8.2.1 InstalmentPlan <InstlmtPlan>

Presence: [0..*]

Definition: Type of instalment plan.

Datatype: "InstalmentPlan1Code" on page 2346

CodeName	Name	Definition
EQPM	EqualPayment	The payment is split in several instalments of equal amounts.
NQPM	InequalPayment	The payment is split in several instalments of different amounts.
DFRI	DeferredInstalment	The first instalment is deferred.

29.1.8.2.2 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the instalment plan.

Datatype: "Max35Text" on page 2382

29.1.8.2.3 PlanOwner <PlanOwnr>

Presence: [0..1]

Definition: Type of the Plan Owner.

Datatype: "PlanOwner1Code" on page 2358

CodeName	Name	Definition
ACCP	Acceptor	Plan owner is an acceptor.
ACQR	Acquirer	Plan owner is an acquirer.
ISSR	Issuer	Plan owner is an issuer.
OTHN	OtherNational	plan owner type is other national.
OTHP	OtherPrivate	plan owner type is other private.

29.1.8.2.4 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the instalment occurrence of the transaction (1 = 1st instalment, 2 = 2nd instalment, etc.).

Datatype: "Number" on page 2377

29.1.8.2.5 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 2344

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

29.1.8.2.6 InstalmentPeriod <InstlmtPrd>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 2377

29.1.8.2.7 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 2377

29.1.8.2.8 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 2374

29.1.8.2.9 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Cumulative amount of all the instalments.

Impacted by: C1 "ActiveCurrency", C5 "CurrencyAmount"

Datatype: "ActiveCurrencyAndAmount" on page 2312

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

- **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

29.1.8.2.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.2.11 SubsequentAmount <SbsqntAmt>

Presence: [0..1]

Definition: Amount of subsequent payments but the first one.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.2.12 LastAmount <LastAmt>

Presence: [0..1]

Definition: Amount of the last payment.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.2.13 Charges <Chrgs>

Presence: [0..1]

Definition: Charges related to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.2.14 DetailedCharges <DtldChrgs>

Presence: [0..*]

Definition: Contains the charge details of an instalment plan.

DetailedCharges <DtldChrgs> contains the following elements (see "InstalmentAmountDetails1" on page 1746 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1746
	OtherType <OthrTp>	[0..1]	Text		1746
	SubType <SubTp>	[0..1]	Text		1746
	Amount <Amt>	[0..1]	±		1746
	Percentage <Pctg>	[0..1]	Rate		1747

29.1.8.2.15 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		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082

29.1.8.2.15.1 Type <Tp>

Presence: [0..1]

Definition: Interest rate applicable to the instalment.

Datatype: "InterestRate1Code" on page 2347

CodeName	Name	Definition
GSRT	GrossRate	Gross interest rate of the instalment
NTRT	NetRate	Net interest rate of the instalment
OTHN	OtherNational	Other interest rate of the instalment
OTHP	OtherPrivate	Other interest rate of the instalment

29.1.8.2.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 2382

29.1.8.2.15.3 Period <Prd>

Presence: [1..1]

Definition: Contains instalment period

Datatype: "InstalmentPeriod1Code" on page 2346

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

29.1.8.2.15.4 Rate <Rate>

Presence: [1..1]

Definition: Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

Datatype: "BaseOneRate" on page 2377

29.1.8.2.16 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "GracePeriod1" on page 1753 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1753
	UnitType <UnitTp>	[1..1]	CodeSet		1754
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1754

29.1.8.2.17 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the InstalmentPlan.

PlanNotice <PlanNtce> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.3 LoyaltyAccount3

Definition: Loyalty Account description.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LoyaltyIdentification <Lltyld>	[1..1]	Text		2083
	EntryMode <NtryMd>	[0..1]	CodeSet		2084
	IdentificationType <ldTp>	[0..1]	CodeSet		2084
	Brand <Brnd>	[0..1]	Text		2085
	Provider <Prvdr>	[0..1]	Text		2085
	OwnerName <OwnrNm>	[0..1]	Text		2085
	Unit <Unit>	[0..1]	CodeSet		2085
	Currency <Ccy>	[0..1]	CodeSet	C1	2085
	Balance <Bal>	[0..1]	Amount		2086

29.1.8.3.1 LoyaltyIdentification <Lltyld>

Presence: [1..1]

Definition: Identification of Loyalty Account.

Datatype: "Max35Text" on page 2382

29.1.8.3.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Standard or last entry mode to access the Loyalty account or card.

Datatype: "CardDataReading8Code" on page 2333

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.
SICC	SynchronousIntegratedCircuitCard	Synchronous ICC - (Integrated Circuit Card) with contact.
UNKW	Unknown	Unknown card reading capability.
QRCD	QRCode	Quick response code.
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)

29.1.8.3.3 IdentificationType <IdTp>

Presence: [0..1]

Definition: Type of identification for this Loyalty Account.

Datatype: "CardIdentificationType1Code" on page 2334

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).

CodeName	Name	Definition
PRIV	PrivativeNumbering	An identification set by a privative application.
UUID	UniversalUniqueIdentification	A Universal Unique Identification code is set for identification.

29.1.8.3.4 Brand <Brnd>

Presence: [0..1]

Definition: Brand to which belong the account.

Datatype: "Max35Text" on page 2382

29.1.8.3.5 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the Loyalty Account.

Datatype: "Max35Text" on page 2382

29.1.8.3.6 OwnerName <OwnrNm>

Presence: [0..1]

Definition: Owner name of an account.

Datatype: "Max45Text" on page 2383

29.1.8.3.7 Unit <Unit>

Presence: [0..1]

Definition: Unit of a Loyalty Account (Point or Currency).

Datatype: "AmountUnit1Code" on page 2326

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

29.1.8.3.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency of a Loyalty Account if any.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217

Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.3.9 Balance <Bal>

Presence: [0..1]

Definition: Balance of a Loyalty Account.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.4 AggregationTransaction3

Definition: Payment transaction with an aggregated amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

29.1.8.4.1 FirstPaymentDateTime <FrstPmtDtTm>

Presence: [0..1]

Definition: Date and time of the first payment.

Datatype: "ISODateTime" on page 2374

29.1.8.4.2 LastPaymentDateTime <LastPmtDtTm>

Presence: [0..1]

Definition: Date and time of the last payment.

Datatype: "ISODateTime" on page 2374

29.1.8.4.3 NumberOfPayments <NbOfPmts>

Presence: [0..1]

Definition: Total number of payments that has been aggregated.

Datatype: "Number" on page 2377

29.1.8.4.4 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		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

29.1.8.4.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.4.4.2 DateTime <DtTm>

Presence: [1..1]

Definition: Date and time of the payment.

Datatype: "ISODatetime" on page 2374

29.1.8.4.4.3 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Card data entry mode for the related payment.

Datatype: "CardDataReading8Code" on page 2333

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.)

29.1.8.4.4.4 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data of an integrated circuit card application for the related payment.

Datatype: "Max10000Binary" on page 2313

29.1.8.4.4.5 Label <Lbl>

Presence: [0..1]

Definition: Short description of the amount to display or print.

Datatype: "Max140Text" on page 2380

29.1.8.5 EncapsulatedContent3

Definition: Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2088
	Content <Cntt>	[0..1]	Binary		2089

29.1.8.5.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 2338

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

29.1.8.5.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 2313

29.1.8.6 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		2089
	Type <Tp>	[0..1]	Text		2089
	Provider <Prvdr>	[0..1]	Text		2089

29.1.8.6.1 Identification <Id>

Presence: [0..1]

Definition: Identifier of the component.

Datatype: "Max35Text" on page 2382

29.1.8.6.2 Type <Tp>

Presence: [0..1]

Definition: Type of component.

Datatype: "Max70Text" on page 2384

29.1.8.6.3 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the component.

Datatype: "Max35Text" on page 2382

29.1.8.7 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		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

29.1.8.7.1 CustomerOrderIdentification <CstmrOrdrlId>

Presence: [1..1]

Definition: Identification of a customer order.

Datatype: "Max35Text" on page 2382

29.1.8.7.2 SaleReferenceIdentification <SaleRefId>

Presence: [1..1]

Definition: Identification of a Sale transaction for a sequence of related POI transactions.

Datatype: "Max35Text" on page 2382

29.1.8.7.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.7.4 StartDate <StartDt>

Presence: [1..1]

Definition: Date time of the beginning of an operation.

Datatype: "ISODateTime" on page 2374

29.1.8.7.5 EndDate <EndDt>

Presence: [0..1]

Definition: Date time of the end of an operation.

Datatype: "ISODateTime" on page 2374

29.1.8.7.6 Unit <Unit>

Presence: [0..1]

Definition: Unit of amount.

Datatype: "AmountUnit1Code" on page 2326

CodeName	Name	Definition
MONE	Monetary	The amount is expressed in a monetary value in a currency.
POIN	Point	The amount is expressed in point.

29.1.8.7.7 ForecastedAmount <FrcstdAmt>

Presence: [1..1]

Definition: Initial or global amount of the order.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.7.8 CurrentAmount <CurAmt>

Presence: [0..1]

Definition: Total amount of all completed transactions of a customer order.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.7.9 Currency <Ccy>

Presence: [0..1]

Definition: Currency of monetary amount.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.7.10 AccessedBy <AccsdBy>

Presence: [0..1]

Definition: Identification of an entity accessing data to perform an operation.

Datatype: "Max35Text" on page 2382

29.1.8.7.11 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Unqualified information related to customer order.

Datatype: "Max1025Text" on page 2379

29.1.8.8 ActionMessage11

Definition: Information to display, print or store.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.8.1 MessageDestination <MsgDstn>

Presence: [1..1]

Definition: Destination of the message.

Datatype: "UserInterface4Code" on page 2373

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

29.1.8.8.2 InformationQualifier <InfQlfr>

Presence: [0..1]

Definition: Qualification of the information to sent to an output logical device.

Datatype: "InformationQualify1Code" on page 2345

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	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	Information is a new state on which the message sender is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
VCHR	Voucher	Coupons, voucher or special ticket generated by the POI or the Sale System and to be printed.

29.1.8.8.3 Format <Frmt>

Presence: [0..1]

Definition: Message format.

Datatype: "OutputFormat3Code" on page 2355

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.

CodeName	Name	Definition
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

29.1.8.8.4 MessageContent <MsgCntt>

Presence: [0..1]

Definition: Content or reference of the message.

Datatype: "Max20000Text" on page 2380

29.1.8.8.5 MessageContentSignature <MsgCnttSgntr>

Presence: [0..1]

Definition: Digital signature of the message.

MessageContentSignature <MsgCnttSgntr> contains the following elements (see "ContentInformationType38" on page 2279 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2279
	AuthenticatedData <AuthntcdData>	[0..1]	±		2280
	SignedData <SgndData>	[0..1]	±		2281

29.1.8.8.6 OutputBarcode <OutptBrcd>

Presence: [0..1]

Definition: Content of message displayed or printed as Barcode.

OutputBarcode <OutptBrcd> contains the following **OutputBarcode2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096

29.1.8.8.6.1 BarcodeType <BrcdTp>

Presence: [1..1]

Definition: Type of Barcode coding.

Datatype: "BarcodeType1Code" on page 2330

CodeName	Name	Definition
COQR	BarcodeEncodedAs2DQRCode	Barcode encoded according to the 2Dimensions Quick Response Code Standard.
C128	BarcodeEncodedAsCode128	Barcode encoded according to the Code 128 standard.
C025	BarcodeEncodedAsCode25	Barcode encoded according to the Code 25 standard.
C039	BarcodeEncodedAsCode39	Barcode encoded according to the Code 39 standard.
EA13	BarcodeEncodedAsEA13	Barcode encoded according to the EAN13 standard.
EAN8	BarcodeEncodedAsEAN8	Barcode encoded according to the EAN8 standard.
P417	BarcodeEncodedAsPDF417	Barcode encoded according to the PDF417 standard.
UPCA	BarcodeEncodedAsUPCA	Barcode encoded according to the UPCA standard.

29.1.8.8.6.2 BarcodeValue <BrCdVal>

Presence: [0..1]

Definition: Value with a Barcode coding.

Datatype: "Max8000Text" on page 2384

29.1.8.8.6.3 QRCodeBinaryValue <QRCDBinryVal>

Presence: [0..1]

Definition: Use for binary and Kanji Quick Response Code.

Datatype: "Max3000Binary" on page 2314

29.1.8.8.6.4 QRCodeVersion <QRCDVrsn>

Presence: [0..1]

Definition: Version of the Quick Response Code.

Datatype: "Max16Text" on page 2380

29.1.8.8.6.5 QRCodeEncodingMode <QRCDNcodgMd>

Presence: [0..1]

Definition: Encoding Mode of Quick Response Code.

Datatype: "QRCodeEncodingMode1Code" on page 2361

CodeName	Name	Definition
ALFA	Alphanumeric	Alphanumeric value provided in Barcode field.
BINA	Binary	Binary value provided in Quick Response Code Binary Value.

CodeName	Name	Definition
KANJ	Kanji	Kanji value provided in Quick Response Code Binary Value.
NUME	Numeric	Numeric value provided in Barcode field.

29.1.8.8.6 QRCodeErrorCorrection <QRCDerrCrrctn>

Presence: [0..1]

Definition: Error Correction mode of Quick Response Code.

Datatype: "QRCodeErrorCorrection1Code" on page 2362

CodeName	Name	Definition
M015	ErrorCorrection15Percent	Reed-Solomon error correction 15%
Q025	ErrorCorrection25Percent	Reed-Solomon error correction 25%
H030	ErrorCorrection30Percent	Reed-Solomon error correction 30%
L007	ErrorCorrection7Percent	Reed-Solomon error correction 7%

29.1.8.8.7 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.8.8 MinimumDisplayTime <MinDispTm>

Presence: [0..1]

Definition: Number of seconds the message has to be displayed.

Datatype: "Number" on page 2377

29.1.8.9 ResponseType11

Definition: Response of a requested service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Response <Rspn>	[1..1]	CodeSet		2096
	ResponseReason <RspnRsn>	[0..1]	CodeSet		2097
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2098

29.1.8.9.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the requested transaction.

Datatype: "Response11Code" on page 2363

CodeName	Name	Definition
WARN	Warning	An additional Response Code, mainly a functional one, should be considered to identify the outcome of the request.
FAIL	Failure	Processing of the request fails for various reasons. Some further processing according to the type of requested service, the context of the process, and some additional precision about the failure notified in the ErrorCondition data element.
SUCC	Success	Processing OK. Information related to the result of the processing is contained in other parts of the response message.

29.1.8.9.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detail of the response.

Datatype: "RetailerResultDetail1Code" on page 2364

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

CodeName	Name	Definition
		services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

29.1.8.9.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information to be logged for further examination.

Datatype: "Max140Text" on page 2380

29.1.8.10 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		2099
	TrailerNumber <TrlrNb>	[0..1]	Text		2099
	VehicleTag <VhclTag>	[0..1]	Text		2100
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		2100
	UnitNumber <UnitNb>	[0..1]	Text		2100
	ReplacementCar <RplcmntCar>	[0..1]	Indicator		2100
	Odometer <Odmttr>	[0..1]	Quantity		2100
	Hubometer <Hbmtr>	[0..1]	Quantity		2101
	TrailerHours <TrlrHrs>	[0..1]	Text		2101
	ReferHours <RefrHrs>	[0..1]	Text		2101
	Maintenanceldentification <Mntncld>	[0..1]	Text		2101
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			2101
	PAN <PAN>	[0..1]	Text		2101
	Track1 <Trck1>	[0..1]	Text		2102
	Track2 <Trck2>	[0..1]	Text		2102
	Track3 <Trck3>	[0..1]	Text		2102
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2102
	EntryMode <NtryMd>	[0..1]	CodeSet		2102
	AdditionalVehicleData <AddtlVhclData>	[0..*]			2103
	Type <Tp>	[0..1]	Text		2103
	EntryMode <NtryMd>	[0..1]	CodeSet		2103
	Data <Data>	[1..1]	Text		2104

29.1.8.10.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Number assigned to the vehicle for identification.

Datatype: "Max35NumericText" on page 2382

29.1.8.10.2 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Number assigned to the vehicle trailer for identification.

Datatype: "Max35NumericText" on page 2382

29.1.8.10.3 VehicleTag <VhclTag>

Presence: [0..1]

Definition: Registration tag of the vehicle.

Datatype: "Max35Text" on page 2382

29.1.8.10.4 VehicleTagEntryMode <VhclTagNtryMd>

Presence: [0..1]

Definition: Entry mode of the registration tag.

Datatype: "CardDataReading5Code" on page 2332

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

29.1.8.10.5 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identification of the vehicle in the fleet.

Datatype: "Max35NumericText" on page 2382

29.1.8.10.6 ReplacementCar <RplcmntCar>

Presence: [0..1]

Definition: True if the car is a replacement car.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.10.7 Odometer <Odmtr>

Presence: [0..1]

Definition: Odometer reading value indicating the distance travelled by the vehicle.

Datatype: "DecimalNumber" on page 2377

29.1.8.10.8 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer.

Datatype: "DecimalNumber" on page 2377

29.1.8.10.9 TrailerHours <TrlrHrs>

Presence: [0..1]

Definition: Number of hours the trailer has been in operation.

Datatype: "Max35Text" on page 2382

29.1.8.10.10 ReferHours <RefrHrs>

Presence: [0..1]

Definition: Number of hours the refer unit has been in operation.

Datatype: "Max35Text" on page 2382

29.1.8.10.11 MaintenanceIdentification <Mntncld>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 2382

29.1.8.10.12 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		2101
	Track1 <Trck1>	[0..1]	Text		2102
	Track2 <Trck2>	[0..1]	Text		2102
	Track3 <Trck3>	[0..1]	Text		2102
	AdditionalCardData <AddtlCardData>	[0..*]	Text		2102
	EntryMode <NtryMd>	[0..1]	CodeSet		2102

29.1.8.10.12.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card.

Datatype: "Min8Max28NumericText" on page 2385

29.1.8.10.12.2 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 2384

29.1.8.10.12.3 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 2382

29.1.8.10.12.4 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 2379

29.1.8.10.12.5 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

Datatype: "Max35Text" on page 2382

29.1.8.10.12.6 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the card.

Datatype: "CardDataReading5Code" on page 2332

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV

CodeName	Name	Definition
		(standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

29.1.8.10.13 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		2103
	EntryMode <NtryMd>	[0..1]	CodeSet		2103
	Data <Data>	[1..1]	Text		2104

29.1.8.10.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 2382

29.1.8.10.13.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 2332

CodeName	Name	Definition
TAGC	Tag	Tag reading capabilities (RFID, etc.).
PHYS	Physical	Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.
BRCD	BarCode	Bar code.
MGST	MagneticStripe	Magnetic stripe.
CICC	ICC	ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.
DFLE	AccountData	Account data on file.
CTLS	ProximityReader	Contactless proximity reader.
ECTL	EMVProximityReader	Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).
CDFL	CardOnFile	Card information are stored on a file.

29.1.8.10.13.3 Data <Data>

Presence: [1..1]
Definition: Information related to the vehicle.
Datatype: "Max35Text" on page 2382

29.1.8.11 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		2104
	Envelope <Envlp>	[1..1]	(External Schema)		2104

Constraints

- **SupplementaryDataRule**
This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

29.1.8.11.1 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 2381

29.1.8.11.2 Envelope <Envlp>

Presence: [1..1]
Definition: Technical element wrapping the supplementary data.
Type: (External Schema)

Technical component that contains the validated supplementary data information. This technical envelope allows to segregate the supplementary data information from any other information.

29.1.8.12 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		2105
	CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>	[0..*]	CodeSet		2106
	PINLengthCapabilities <PINLnghCpblties>	[0..1]	Quantity		2106
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		2106
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		2107
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		2107
	OnLineCapabilities <OnLineCpblties>	[0..1]	CodeSet		2107
	MessageCapabilities <MsgCpblties>	[0..*]			2107
	Destination <Dstn>	[1..*]	CodeSet		2107
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2108
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2108
	LineWidth <LineWidth>	[0..1]	Quantity		2108
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C13	2108

29.1.8.12.1 CardReadingCapabilities <CardRdngCpblties>

Presence: [0..*]

Definition: Card reading capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardDataReading8Code" on page 2333

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.)

29.1.8.12.2 CardholderVerificationCapabilities <CrdhldrVrfctnCpblties>

Presence: [0..*]

Definition: Cardholder verification capabilities of the POI (Point Of Interaction) performing the transaction.

Datatype: "CardholderVerificationCapability4Code" on page 2333

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.

29.1.8.12.3 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 2377

29.1.8.12.4 ApprovalCodeLength <ApprvlCdLngh>

Presence: [0..1]

Definition: Maximum number of characters of the approval code the POI is able to manage.

Datatype: "PositiveNumber" on page 2377

29.1.8.12.5 MaxScriptLength <MxScripLngth>

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 2377

29.1.8.12.6 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.12.7 OnLineCapabilities <OnLineCpblties>

Presence: [0..1]

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Datatype: "OnLineCapability1Code" on page 2353

CodeName	Name	Definition
OFLN	OffLine	Off-line only capable.
ONLN	OnLine	On-line only capable.
SMON	SemiOffLine	Off-line capable with possible on-line requests to the acquirer.

29.1.8.12.8 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		2107
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		2108
	NumberOfLines <NbOfLines>	[0..1]	Quantity		2108
	LineWidth <LineWidth>	[0..1]	Quantity		2108
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C13	2108

29.1.8.12.8.1 Destination <Dstn>

Presence: [1..*]

Definition: Destination of the message to present.

Datatype: "UserInterface4Code" on page 2373

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

29.1.8.12.8.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 2354

CodeName	Name	Definition
MREF	MessageReference	Predefined configured messages, identified by a reference.
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

29.1.8.12.8.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 2377

29.1.8.12.8.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 2377

29.1.8.12.8.5 AvailableLanguage <AvlblLang>

Presence: [0..*]

Definition: Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

Impacted by: C13 "ValidationByTable"

Datatype: "LanguageCode" on page 2348

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.1.8.13 RecurringTransaction6

Definition: Element related to recurring transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

29.1.8.13.1 PlanIdentification <PlanId>

Presence: [0..1]

Definition: Identification of the recurring plan.

Datatype: "Max35Text" on page 2382

29.1.8.13.2 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Indicates the recurring occurrence of the transaction (1 = 1st recurring, 2 = 2nd recurring, etc.).

Datatype: "Number" on page 2377

29.1.8.13.3 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments (for example day, month, year).

Datatype: "Frequency3Code" on page 2344

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.

CodeName	Name	Definition
TEND	TenDays	Event takes place every ten business days.

29.1.8.13.4 GracePeriod <GracePrd>

Presence: [0..*]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "[GracePeriod1](#)" on page 1753 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[1..1]	Text		1753
	UnitType <UnitTp>	[1..1]	CodeSet		1754
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1754

29.1.8.13.5 PlanNotice <PlanNtce>

Presence: [0..*]

Definition: Notice related to the RecurringPlan.

PlanNotice <PlanNtce> contains the following elements (see "[ActionMessage11](#)" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.14 TransactionIdentifier1

Definition: Identification of the transaction in an unambiguous way.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.8.14.1 TransactionDateTime <TxDtTm>

Presence: [1..1]

Definition: Local date and time of the transaction assigned by the POI (Point Of Interaction).

Datatype: "ISODatetime" on page 2374

29.1.8.14.2 TransactionReference <TxRef>

Presence: [1..1]

Definition: Identification of the transaction that has to be unique for a time period.

Datatype: "Max35Text" on page 2382

29.1.8.15 Product6

Definition: Purchased item.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

29.1.8.15.1 ItemIdentification <ItmId>

Presence: [0..1]

Definition: Identification of the item inside the purchase transaction.

Datatype: "Max35Text" on page 2382

29.1.8.15.2 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2384

29.1.8.15.3 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

29.1.8.15.4 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2372

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.

CodeName	Name	Definition
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.

CodeName	Name	Definition
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

29.1.8.15.5 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Product quantity.

Datatype: "DecimalNumber" on page 2377

29.1.8.15.6 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Price per unit of product.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.15.7 UnitPriceSign <UnitPricSgn>

Presence: [0..1]

Definition: Sign of the unit price.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 2376):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.8.15.8 ProductAmount <PdctAmt>

Presence: [1..1]

Definition: Monetary value of purchased product.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.15.9 ProductAmountSign <PdctAmtSgn>

Presence: [0..1]

Definition: Sign of the product amount.

Datatype: One of the following values must be used (see "PlusOrMinusIndicator" on page 2376):

- *Meaning When True:* Plus
- *Meaning When False:* Minus

29.1.8.15.10 ValueAddedTax <ValAddedTax>

Presence: [0..1]

Definition: Value added tax amount of the item included in the product amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.15.11 TaxType <TaxTp>

Presence: [0..1]

Definition: Information on tax paid on the product.

Datatype: "Max35Text" on page 2382

29.1.8.15.12 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 2380

29.1.8.15.13 DeliveryLocation <DivryLctn>

Presence: [0..1]

Definition: Location of the delivery of the item, for instance pump number or parking bay.

Datatype: "Max10Text" on page 2379

29.1.8.15.14 DeliveryService <DivrySvc>

Presence: [0..1]

Definition: Identify the method of delivery or distribution of the item.

Datatype: "AttendanceContext2Code" on page 2326

CodeName	Name	Definition
ATTL	AttendantDelivery	Delivery by an attendant.
CARR	CarrierDelivery	Delivery by a carrier.
CUST	CustomerDelivery	Delivery by the customer.
FULL	FullServe	Full service for fuel distribution.
SELF	SelfServe	Self service for fuel distribution.

29.1.8.15.15 SaleChannel <SaleChanI>

Presence: [0..1]

Definition: Commercial or distribution channel associated to the line item.

Datatype: "Max70Text" on page 2384

29.1.8.15.16 AdditionalProductDescription <AddtlPdctDesc>

Presence: [0..1]

Definition: Additional information related to the line item.

Datatype: "Max256Text" on page 2381

29.1.8.16 PaymentReceipt6

Definition: Customer or merchant receipts generated by the POI system.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentQualifier <DocQlfr>	[1..1]	CodeSet		2116
	IntegratedPrintFlag <IntgrtdPrtFlg>	[0..1]	Indicator		2116
	RequiredSignatureFlag <ReqrdsGntrFlg>	[0..1]	Indicator		2116
	OutputContent <OutptCntt>	[1..1]	±		2117

29.1.8.16.1 DocumentQualifier <DocQlfr>

Presence: [1..1]

Definition: Qualification of the document to print to the Cashier or the Customer.

Datatype: "DocumentType7Code" on page 2340

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.
VCHR	Voucher	Document is an electronic payment document.

29.1.8.16.2 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.16.3 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.16.4 OutputContent <OutptCntt>

Presence: [1..1]

Definition: Document to print.

OutputContent <OutptCntt> contains the following elements (see "[ActionMessage11](#)" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstrn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.17 RetailerPaymentResult7

Definition: Data related to the result of a processed payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2124
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2125
	TransactionType <TxTp>	[1..1]	CodeSet		2126
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2126
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2127
	RequestedTransaction <ReqdTxx>	[0..1]			2127
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2132
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2132
	PaymentTypeInfoInformation <PmtTplnf>	[0..1]	±		2133
	TransactionType <TxTp>	[1..1]	CodeSet		2133
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2134
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2135
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2135
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2135
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2136
	TransactionIdentification <Txld>	[1..1]	±		2136
	OriginalTransaction <OrgnlTx>	[0..1]			2136
	SaleReferenceIdentification <SaleRefld>	[0..1]	Text		2138
	TransactionIdentification <Txld>	[1..1]	±		2138
	POIIdentification <POIld>	[1..1]	±		2138
	CurrencyConversion <CcyConvs>	[0..1]			2138
	Result <Rslt>	[1..1]	CodeSet		2141
	ResultReason <RsltRsn>	[0..1]	Text		2141
	ConversionDetails <ConvsDtls>	[0..*]			2141
	CurrencyConversionIdentification <CcyConvsld>	[0..1]	Text		2143
	TargetCurrency <TrgtCcy>	[1..1]			2143
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143
	ResultingAmount <RsltAmt>	[0..1]	Amount		2144

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRate <XchgRate>	[1..1]	Rate		2144
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2144
	QuotationDate <QtnDt>	[0..1]	DateTime		2144
	ValidFrom <VldFr>	[0..1]	DateTime		2144
	ValidUntil <VldUntil>	[0..1]	DateTime		2144
	SourceCurrency <SrcCcy>	[1..1]			2144
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145
	ApplicableBinRange <ApblBinRg>	[0..*]			2145
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146
	OriginalAmount <OrgnlAmt>	[0..1]			2146
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146
	CommissionDetails <ComssnDtls>	[0..*]			2147
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	MarkUpDetails <MrkUpDtls>	[0..*]			2147
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2147
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2148
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2148
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2148
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2148
	TransactionDetails <TxDtls>	[1..1]			2149
	Currency <Ccy>	[0..1]	CodeSet	C1	2152
	TotalAmount <TtlAmt>	[1..1]	Amount		2152

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2152
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2152
	DetailedAmount <DtlAmt>	[0..1]	±		2152
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2153
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2153
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2153
	ValidityDate <VldtyDt>	[0..1]	Date		2153
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2153
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2154
	AccountType <AcctTp>	[0..1]	CodeSet		2154
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2155
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2157
	Conversion <Convs>	[0..1]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <ApblBinRg>	[0..*]			2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163
	Instalment <Instlmt>	[0..*]	±		2164
	Recurring <Rcrng>	[0..1]	±		2165
	AggregationTransaction <AggtTx>	[0..1]	±		2166
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2166
	SaleItem <Saleitm>	[0..*]	±		2166
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2167
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2167
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2167
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2167
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2168
	AdditionalInformation <AddtlInf>	[0..*]			2168
	Identification <Id>	[1..1]	Text		2168
	Value <Val>	[0..1]	Binary		2168
	ProtectedValue <PrctcdVal>	[0..1]	±		2168
	Type <Tp>	[0..1]	Text		2169
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2169
	AuthorisationResult <AuthstnRslt>	[0..1]			2169
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2169

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2170
	Response <Rspn>	[1..1]	CodeSet		2170
	ResponseReason <RspnRsn>	[0..1]	Text		2170
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2171
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2171
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2171
	CustomerOrder <CstmrOrdrr>	[0..1]	±		2171
	CustomerToken <CstmrTkn>	[0..1]	±		2171
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2172
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2172
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	Text		2172
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2172
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2173
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2173
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2173
	TransactionResponse <TxRspn>	[0..1]			2173
	AuthorisationResult <AuthstnRslt>	[1..1]			2176
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2176
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2177
	Response <Rspn>	[1..1]	CodeSet		2177
	ResponseReason <RspnRsn>	[0..1]	Text		2177
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2177
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2177
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2177
	TMSTrigger <TMSTrggr>	[0..1]			2178
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2178
	TMSIdentification <TMSId>	[0..1]	Text		2178
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2178
	AllowedProductCode <AllwdPdctCd>	[0..*]			2178
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2180
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2180
	AmountLimit <AmtLmt>	[0..1]	Amount		2180
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2180
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2180
	Balance <Bal>	[0..1]	±		2182
	ProtectedBalance <PrctcdBal>	[0..1]	±		2182
	Action <Actn>	[0..*]			2183
	ActionType <ActnTp>	[1..1]	CodeSet		2183
	MessageToPresent <MsgToPres>	[0..1]	±		2184
	RemoteAccess <RmotAccs>	[0..1]	±		2185
	Retry <Rtry>	[0..1]	±		2186
	TimeCondition <TmCond>	[0..1]	±		2186
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2188
	TargetCurrency <TrgtCcy>	[1..1]			2188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2188
	NumericCode <NmrcCd>	[1..1]	Text		2188
	Decimal <Dcml>	[1..1]	Quantity		2188
	Name <Nm>	[0..1]	Text		2189
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2189
	ExchangeRate <XchgRate>	[1..1]	Rate		2189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2189
	QuotationDate <QtnDt>	[0..1]	DateTime		2189
	ValidFrom <VldFr>	[0..1]	DateTime		2189
	ValidUntil <VldUntil>	[0..1]	DateTime		2189
	SourceCurrency <SrcCcy>	[1..1]			2189

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2190
	NumericCode <NmrcCd>	[0..1]	Text		2190
	Decimal <Dcml>	[0..1]	Quantity		2190
	Name <Nm>	[0..1]	Text		2190
	ApplicableBinRange <AplblBinRg>	[0..*]			2190
	LowerBin <LwrBin>	[1..1]	Text		2191
	HigherBin <HghrBin>	[1..1]	Text		2191
	OriginalAmount <OrgnlAmt>	[0..1]			2191
	ActualAmount <ActlAmt>	[0..1]	Amount		2191
	MinimumAmount <MinAmt>	[0..1]	Amount		2191
	MaximumAmount <MaxAmt>	[0..1]	Amount		2191
	CommissionDetails <ComssnDtls>	[0..*]			2192
	Amount <Amt>	[1..1]	Amount		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	MarkUpDetails <MrkUpDtls>	[0..*]			2192
	Rate <Rate>	[1..1]	Rate		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	DeclarationDetails <DclrtDtls>	[0..*]	±		2192
	CustomerOrder <CstmrOrd>	[0..*]	±		2193
	ImageCapturedSignature <ImgCaptrdSgntr>	[0..1]			2194
	ImageFormat <ImgFrmt>	[1..1]	Text		2194
	ImageData <ImgData>	[0..1]	Binary		2194
	ImageReference <ImgRef>	[0..1]	Text		2195
	AdditionalInformation <AddtlInf>	[0..1]	Text		2195
	ProtectedCapturedSignature <PrctcdCaptrdSgntr>	[0..1]	±		2195
	MerchantOverrideFlag <MrchntOvrddFlg>	[0..1]	Indicator		2195
	CustomerLanguage <CstmrLang>	[0..1]	CodeSet	C13	2195
	OnlineFlag <OnlnFlg>	[0..1]	Indicator		2195

29.1.8.17.1 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of payment instruments relevant to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2357

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.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

29.1.8.17.2 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2226 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2227
	ServiceLevel <SvcLvl>	[0..*]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2227
Or}	Proprietary <Prtry>	[1..1]	Text		2227
	LocalInstrument <LclInstrm>	[0..1]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228
	CategoryPurpose <CtgyPurp>	[0..1]			2228
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

29.1.8.17.3 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of payment transaction.

Datatype: "CardPaymentServiceType12Code" on page 2334

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
CIDD	CardInitiatingDirectDebit	Direct Debit initiated by Card.

29.1.8.17.4 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service provided by the card payment transaction, in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.

CodeName	Name	Definition
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.1.8.17.5 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

29.1.8.17.6 RequestedTransaction <ReqdTxF>

Presence: [0..1]

Definition: Data associated with the Transaction.

RequestedTransaction <ReqdTxx> contains the following **PaymentTransaction165** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCapture <TxCaptr>	[0..1]	Indicator		2132
	PaymentInstrument <PmtInstrm>	[0..*]	CodeSet		2132
	PaymentTypeInformation <PmtTpInf>	[0..1]	±		2133
	TransactionType <TxTp>	[1..1]	CodeSet		2133
	AdditionalService <AddtlSvc>	[0..*]	CodeSet		2134
	ServiceAttribute <SvcAttr>	[0..1]	CodeSet		2135
	LastTransactionFlag <LastTxFlg>	[0..1]	Indicator		2135
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	Text		2135
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2136
	TransactionIdentification <TxId>	[1..1]	±		2136
	OriginalTransaction <OrgnlTx>	[0..1]			2136
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2138
	TransactionIdentification <TxId>	[1..1]	±		2138
	POIIdentification <POIID>	[1..1]	±		2138
	CurrencyConversion <CcyConvs>	[0..1]			2138
	Result <Rslt>	[1..1]	CodeSet		2141
	ResultReason <RsltRsn>	[0..1]	Text		2141
	ConversionDetails <ConvsDtls>	[0..*]			2141
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2143
	TargetCurrency <TrgtCcy>	[1..1]			2143
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143
	ResultingAmount <RsltAmt>	[0..1]	Amount		2144
	ExchangeRate <XchgRate>	[1..1]	Rate		2144
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2144
	QuotationDate <QtnDt>	[0..1]	DateTime		2144
	ValidFrom <VldFr>	[0..1]	DateTime		2144
	ValidUntil <VldUntil>	[0..1]	DateTime		2144
	SourceCurrency <SrcCcy>	[1..1]			2144

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145
	ApplicableBinRange <AplblBinRg>	[0..*]			2145
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146
	OriginalAmount <OrgnlAmt>	[0..1]			2146
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146
	CommissionDetails <ComssnDtls>	[0..*]			2147
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	MarkUpDetails <MrkUpDtls>	[0..*]			2147
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	DeclarationDetails <DclrnDtls>	[0..*]	±		2147
	ReconciliationIdentification <RcncltnId>	[0..1]	Text		2148
	IssuerReferenceData <IssrRefData>	[0..1]	Text		2148
	IssuerCITIdentification <IssrCITId>	[0..1]	Text		2148
	MerchantCITIdentification <MrchntCITId>	[0..1]	Text		2148
	TransactionDetails <TxDtls>	[1..1]			2149
	Currency <Ccy>	[0..1]	CodeSet	C1	2152
	TotalAmount <TtlAmt>	[1..1]	Amount		2152
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2152
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2152
	DetailedAmount <DtldAmt>	[0..1]	±		2152
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2153
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2153
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2153

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ValidityDate <VldtyDt>	[0..1]	Date		2153
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2153
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		2154
	AccountType <AcctTp>	[0..1]	CodeSet		2154
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2155
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2157
	Conversion <Convs>	[0..1]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2163
	Instalment <Instlmt>	[0..*]	±		2164
	Recurring <Rcrng>	[0..1]	±		2165
	AggregationTransaction <AggtTx>	[0..1]	±		2166
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2166
	SaleItem <Saleitm>	[0..*]	±		2166
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2167
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2167
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2167
	CompletionSequenceCounter <CmpltnSeqCnt>	[0..1]	Quantity		2167
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2168
	AdditionalInformation <AddtlInf>	[0..*]			2168
	Identification <Id>	[1..1]	Text		2168
	Value <Val>	[0..1]	Binary		2168
	ProtectedValue <PrctcdVal>	[0..1]	±		2168
	Type <Tp>	[0..1]	Text		2169
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2169
	AuthorisationResult <AuthstnRslt>	[0..1]			2169
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2169
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2170
	Response <Rspn>	[1..1]	CodeSet		2170
	ResponseReason <RspnRsn>	[0..1]	Text		2170
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2171
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2171
	MerchantReferenceData <MrchntRefData>	[0..1]	Text		2171

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrder <CstmrOrdr>	[0..1]	±		2171
	CustomerToken <CstmrTkn>	[0..1]	±		2171
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		2172
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]	Text		2172
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	Text		2172
	SaleToPOIData <SaleToPOIData>	[0..1]	Text		2172
	SaleToAcquirerData <SaleToAcqrrData>	[0..1]	Text		2173
	SaleToIssuerData <SaleToIssrData>	[0..1]	Text		2173
	AdditionalTransactionData <AddtlTxData>	[0..*]	Text		2173

29.1.8.17.6.1 TransactionCapture <TxCaptr>

Presence: [0..1]

Definition: Flag indicating whether the transaction data must be captured or not in addition to the message process.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.17.6.2 PaymentInstrument <PmtInstrm>

Presence: [0..*]

Definition: Set of possible payment instruments from which one will apply to this transaction.

Datatype: "PaymentInstrumentType2Code" on page 2357

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.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries, authorisation is in the form of a mandate between the debtor and creditor.

CodeName	Name	Definition
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

29.1.8.17.6.3 PaymentTypeInformation <PmtTpInf>

Presence: [0..1]

Definition: Further details related to the set of payment types.

PaymentTypeInformation <PmtTpInf> contains the following elements (see "PaymentTypeInformation26" on page 2226 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2227
	ServiceLevel <SvcLvl>	[0..*]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2227
Or}	Proprietary <Prtry>	[1..1]	Text		2227
	LocalInstrument <LclInstrm>	[0..1]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228
	CategoryPurpose <CtgyPurp>	[0..1]			2228
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

29.1.8.17.6.4 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction being undertaken for the main service.

Datatype: "CardPaymentServiceType16Code" on page 2336

CodeName	Name	Definition
BALC	Balance	Balance enquiry.
CACT	CardActivation	Card activation.
CRDP	CardPayment	Card payment.
CAFH	CardsFundTransferPush	Transfer of funds to a card or an account.
CAVR	CardVerification	Card verification.

CodeName	Name	Definition
CSHW	CashAdvance	Cash advance or withdrawals on a POI (Point Of Interaction), or at a bank counter.
CSHD	CashDeposit	Cash deposit.
DEFR	DeferredPayment	Deferred payment.
LOAD	Loading	Loading or reloading non-financial account.
ORCR	OriginalCredit	Original credit.
PINC	PINChange	PIN (Personal Identification Number) change.
QUCH	QuasiCash	Quasi-cash.
RFND	Refund	Refund transaction.
RESA	Reservation	Reservation (pre-authorisation).
VALC	ValidityCheck	Card validity check.
UNLD	Unloading	Unloading non-financial account.
CAFT	CardsFundTransfer	Transfer of funds to and/or from a card account.
CAFL	CardsFundTransferPull	Transfer of funds from a card or an account.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

29.1.8.17.6.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Service in addition to the main service.

Datatype: "CardPaymentServiceType9Code" on page 2337

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.

CodeName	Name	Definition
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.1.8.17.6.6 ServiceAttribute <SvcAttr>

Presence: [0..1]

Definition: Additional attribute of the service type.

Datatype: "CardPaymentServiceType15Code" on page 2335

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.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

29.1.8.17.6.7 LastTransactionFlag <LastTxFlg>

Presence: [0..1]

Definition: Flag indicating processing of the last transaction.

Usage: When absent, default value is True.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.17.6.8 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 2385

29.1.8.17.6.9 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]
Definition: Global reference of the sale transaction for the sale system.
Datatype: "Max35Text" on page 2382

29.1.8.17.6.10 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.8.17.6.11 OriginalTransaction <OrgnITx>

Presence: [0..1]
Definition: Identification of the original transaction.

OriginalTransaction <OrgnlTx> contains the following **CardPaymentTransaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		2138
	TransactionIdentification <TxId>	[1..1]	±		2138
	POIIdentification <POIID>	[1..1]	±		2138
	CurrencyConversion <CcyConvs>	[0..1]			2138
	Result <RsIt>	[1..1]	CodeSet		2141
	ResultReason <RsItRsn>	[0..1]	Text		2141
	ConversionDetails <ConvsDtls>	[0..*]			2141
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2143
	TargetCurrency <TrgtCcy>	[1..1]			2143
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143
	ResultingAmount <RsItgAmt>	[0..1]	Amount		2144
	ExchangeRate <XchgRate>	[1..1]	Rate		2144
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2144
	QuotationDate <QtnDt>	[0..1]	DateTime		2144
	ValidFrom <VldFr>	[0..1]	DateTime		2144
	ValidUntil <VldUntil>	[0..1]	DateTime		2144
	SourceCurrency <SrcCcy>	[1..1]			2144
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145
	ApplicableBinRange <AplblBinRg>	[0..*]			2145
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146
	OriginalAmount <OrgnlAmt>	[0..1]			2146
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommissionDetails <ComssnDtls>	[0..*]			2147
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	MarkUpDetails <MrkUpDtls>	[0..*]			2147
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2147

29.1.8.17.6.11.1 SaleReferenceIdentification <SaleRefId>

Presence: [0..1]

Definition: Global reference of the sale transaction for the sale system.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.11.2 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 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDateTime <TxDtTm>	[1..1]	DateTime		2111
	TransactionReference <TxRef>	[1..1]	Text		2111

29.1.8.17.6.11.3 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 2019 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2019
	Type <Tp>	[0..1]	CodeSet		2019
	Issuer <Issr>	[0..1]	CodeSet		2019
	ShortName <ShrtNm>	[0..1]	Text		2020

29.1.8.17.6.11.4 CurrencyConversion <CcyConvs>

Presence: [0..1]

Definition: Link to a previous currency conversion.

CurrencyConversion <CcyConvs> contains the following **CurrencyConversion31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[1..1]	CodeSet		2141
	ResultReason <RsltRsn>	[0..1]	Text		2141
	ConversionDetails <ConvsDtls>	[0..*]			2141
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2143
	TargetCurrency <TrgtCcy>	[1..1]			2143
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143
	ResultingAmount <RsltAmt>	[0..1]	Amount		2144
	ExchangeRate <XchgRate>	[1..1]	Rate		2144
	InvertedExchangeRate <NvrtXchgRate>	[0..1]	Rate		2144
	QuotationDate <QtnDt>	[0..1]	DateTime		2144
	ValidFrom <VldFr>	[0..1]	DateTime		2144
	ValidUntil <VldUntil>	[0..1]	DateTime		2144
	SourceCurrency <SrcCcy>	[1..1]			2144
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145
	ApplicableBinRange <AplblBinRg>	[0..*]			2145
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146
	OriginalAmount <OrgnlAmt>	[0..1]			2146
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146
	CommissionDetails <ComssnDtls>	[0..*]			2147
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	MarkUpDetails <MrkUpDtls>	[0..*]			2147

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2147

29.1.8.17.6.11.4.1 Result <Rslt>

Presence: [1..1]

Definition: Result of a requested currency conversion.

Datatype: "CurrencyConversionResponse3Code" on page 2339

CodeName	Name	Definition
ODCC	Allowed	Dynamic currency conversion may be offered to the cardholder.
DCCA	Assumed	Transaction authorised with dynamic currency conversion.
ICRD	InvalidCard	The card is not valid for dynamic currency conversion.
IMER	InvalidMerchant	The card acceptor has not been recognised.
IPRD	InvalidProduct	Dynamic currency conversion service cannot be offered for this card product.
IRAT	NoRate	Exchange rates are not available.
NDCC	NotAvailable	Dynamic currency conversion is not available for other reason.
REST	Restriction	Conversion accepted for the requested amount exclusively.
CATG	Catalogue	Conversion accepted for a range of amounts.

29.1.8.17.6.11.4.2 ResultReason <RsltRsn>

Presence: [0..1]

Definition: Plain text explaining the result of the currency conversion request.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.11.4.3 ConversionDetails <ConvsDtls>

Presence: [0..*]

Definition: Information about the conversion of currency.

ConversionDetails <ConvDtls> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2143
	TargetCurrency <TrgtCcy>	[1..1]			2143
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2144
	ExchangeRate <XchgRate>	[1..1]	Rate		2144
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2144
	QuotationDate <QtnDt>	[0..1]	DateTime		2144
	ValidFrom <VldFr>	[0..1]	DateTime		2144
	ValidUntil <VldUntil>	[0..1]	DateTime		2144
	SourceCurrency <SrcCcy>	[1..1]			2144
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145
	ApplicableBinRange <AplblBinRg>	[0..*]			2145
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146
	OriginalAmount <OrgnlAmt>	[0..1]			2146
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146
	CommissionDetails <ComssnDtls>	[0..*]			2147
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	MarkUpDetails <MrkUpDtls>	[0..*]			2147
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147
	DeclarationDetails <DclrtDtls>	[0..*]	±		2147

29.1.8.17.6.11.4.3.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.11.4.3.2 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	2143
	NumericCode <NmrcCd>	[1..1]	Text		2143
	Decimal <Dcml>	[1..1]	Quantity		2143
	Name <Nm>	[0..1]	Text		2143

29.1.8.17.6.11.4.3.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.17.6.11.4.3.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.8.17.6.11.4.3.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.8.17.6.11.4.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.11.4.3.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.11.4.3.4 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 2378

29.1.8.17.6.11.4.3.5 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 2378

29.1.8.17.6.11.4.3.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

29.1.8.17.6.11.4.3.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

29.1.8.17.6.11.4.3.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

29.1.8.17.6.11.4.3.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2145
	NumericCode <NmrcCd>	[0..1]	Text		2145
	Decimal <Dcml>	[0..1]	Quantity		2145
	Name <Nm>	[0..1]	Text		2145

29.1.8.17.6.11.4.3.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.17.6.11.4.3.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.8.17.6.11.4.3.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.8.17.6.11.4.3.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.11.4.3.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2146
	HigherBin <HghrBin>	[1..1]	Text		2146

29.1.8.17.6.11.4.3.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.8.17.6.11.4.3.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.8.17.6.11.4.3.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2146
	MinimumAmount <MinAmt>	[0..1]	Amount		2146
	MaximumAmount <MaxAmt>	[0..1]	Amount		2146

29.1.8.17.6.11.4.3.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.11.4.3.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.11.4.3.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.11.4.3.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147

29.1.8.17.6.11.4.3.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.11.4.3.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

29.1.8.17.6.11.4.3.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2147
	AdditionalInformation <AddtlInf>	[0..1]	Text		2147

29.1.8.17.6.11.4.3.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

29.1.8.17.6.11.4.3.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

29.1.8.17.6.11.4.3.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRcdBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRcdVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRcdNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRcdErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.17.6.12 ReconciliationIdentification <RcncltnId>

Presence: [0..1]

Definition: Unique identification of the Acquirer/Acceptor reconciliation period.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.13 IssuerReferenceData <IssrRefData>

Presence: [0..1]

Definition: Identification of the transaction given by the Issuer.

Datatype: "Max140Text" on page 2380

29.1.8.17.6.14 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 2380

29.1.8.17.6.15 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 2380

29.1.8.17.6.16 TransactionDetails <TxDtls>

Presence: [1..1]

Definition: Details of the transaction.

TransactionDetails <TxDtIs> contains the following **CardPaymentTransactionDetails53** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Currency <Ccy>	[0..1]	CodeSet	C1	2152
	TotalAmount <TtlAmt>	[1..1]	Amount		2152
	CumulativeAmount <CmltvAmt>	[0..1]	Amount		2152
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		2152
	DetailedAmount <DtldAmt>	[0..1]	±		2152
	RequestedAmount <ReqdAmt>	[0..1]	Amount		2153
	AuthorisedAmount <AuthrsdAmt>	[0..1]	Amount		2153
	InvoiceAmount <InvcAmt>	[0..1]	Amount		2153
	ValidityDate <VldtyDt>	[0..1]	Date		2153
	OnLineReason <OnLineRsn>	[0..*]	CodeSet		2153
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		2154
	AccountType <AcctTp>	[0..1]	CodeSet		2154
	CurrencyConversionResult <CcyConvsRslt>	[0..1]			2155
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2157
	Conversion <Convs>	[0..1]			2157
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <ApblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtDtls>	[0..*]	±		2163
	Instalment <Instlmt>	[0..*]	±		2164
	Recurring <Rcrng>	[0..1]	±		2165
	AggregationTransaction <AggtTx>	[0..1]	±		2166
	ProductCodeSetIdentification <PdctCdSetId>	[0..1]	Text		2166
	SaleItem <Saleitm>	[0..*]	±		2166
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2167
	ReSubmissionCounter <ReSubmissnCnt>	[0..1]	Quantity		2167
	CompletionSequenceNumber <CmpltnSeqNb>	[0..1]	Quantity		2167
	CompletionSequenceCounter <CmpltnSeqCntr>	[0..1]	Quantity		2167
	TotalAuthorisedAmount <TtlAuthrsdAmt>	[0..1]	Amount		2168
	AdditionalInformation <AddtlInf>	[0..*]			2168
	Identification <Id>	[1..1]	Text		2168
	Value <Val>	[0..1]	Binary		2168
	ProtectedValue <PrctcdVal>	[0..1]	±		2168
	Type <Tp>	[0..1]	Text		2169
	ICCRelatedData <ICCRltdData>	[0..1]	Binary		2169

29.1.8.17.6.16.1 Currency <Ccy>

Presence: [0..1]

Definition: Currency associated with the transaction.

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.17.6.16.2 TotalAmount <TtlAmt>

Presence: [1..1]

Definition: Total amount of the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.3 CumulativeAmount <CmltvAmt>

Presence: [0..1]

Definition: Contains the updated amount of all authorisations related to the same business transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.4 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount associated with the transaction.

Datatype: "TypeOfAmount8Code" on page 2370

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESA	Reserved	Reserved or updated reserved amount for reservation.

29.1.8.17.6.16.5 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 1743 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountGoodsAndServices <AmtGoodsAndSvcs>	[0..1]	Amount		1743
	CashBack <CshBck>	[0..1]	Amount		1743
	Gratuity <Grtty>	[0..1]	Amount		1743
	Fees <Fees>	[0..*]	±		1743
	Rebate <Rbt>	[0..*]	±		1744
	ValueAddedTax <ValAddedTax>	[0..*]	±		1744
	Surcharge <Srchr>	[0..*]	±		1744

29.1.8.17.6.16.6 RequestedAmount <ReqdAmt>

Presence: [0..1]

Definition: Amount requested to be authorised.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.7 AuthorisedAmount <AuthrsdAmt>

Presence: [0..1]

Definition: Amount authorised for the payment transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.8 InvoiceAmount <InvAmt>

Presence: [0..1]

Definition: Amount of the transaction that will be invoiced to the cardholder.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.9 ValidityDate <VldtyDt>

Presence: [0..1]

Definition: Transaction authorisation deadline to complete the related payment.

Datatype: "ISODate" on page 2374

29.1.8.17.6.16.10 OnLineReason <OnLineRsn>

Presence: [0..*]

Definition: Reason to process an online authorisation.

Datatype: "OnLineReason2Code" on page 2353

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.1.8.17.6.16.11 UnattendedLevelCategory <UattnddLvICtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended POI (Point Of Interaction).

Datatype: "Max35NumericText" on page 2382

29.1.8.17.6.16.12 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Datatype: "CardAccountType3Code" on page 2331

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.

CodeName	Name	Definition
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.1.8.17.6.16.13 CurrencyConversionResult <CcyConvsRsIt>

Presence: [0..1]

Definition: Result of the currency conversion proposed to the cardholder.

CurrencyConversionResult <CcyConvRsIt> contains the following **CurrencyConversion30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcceptedByCardholder <AccptdByCrdhldr>	[0..1]	Indicator		2157
	Conversion <Convs>	[0..1]			2157
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2163

29.1.8.17.6.16.13.1 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.17.6.16.13.2 Conversion <Convs>

Presence: [0..1]

Definition: Conversion between the currency of a card acceptor and the currency of a cardholder, provided by a dedicated service provider.

Conversion <Convs> contains the following **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2159
	TargetCurrency <TrgtCcy>	[1..1]			2159
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2160
	ExchangeRate <XchgRate>	[1..1]	Rate		2160
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2160
	QuotationDate <QtnDt>	[0..1]	DateTime		2160
	ValidFrom <VldFr>	[0..1]	DateTime		2160
	ValidUntil <VldUntil>	[0..1]	DateTime		2160
	SourceCurrency <SrcCcy>	[1..1]			2160
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161
	ApplicableBinRange <AplblBinRg>	[0..*]			2161
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162
	OriginalAmount <OrgnlAmt>	[0..1]			2162
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162
	CommissionDetails <ComssnDtls>	[0..*]			2163
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	MarkUpDetails <MrkUpDtls>	[0..*]			2163
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2163

29.1.8.17.6.16.13.2.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.16.13.2.2 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	2159
	NumericCode <NmrcCd>	[1..1]	Text		2159
	Decimal <Dcml>	[1..1]	Quantity		2159
	Name <Nm>	[0..1]	Text		2159

29.1.8.17.6.16.13.2.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.17.6.16.13.2.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.8.17.6.16.13.2.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.8.17.6.16.13.2.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.16.13.2.3 ResultingAmount <RsltAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.13.2.4 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 2378

29.1.8.17.6.16.13.2.5 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 2378

29.1.8.17.6.16.13.2.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

29.1.8.17.6.16.13.2.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

29.1.8.17.6.16.13.2.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

29.1.8.17.6.16.13.2.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2161
	NumericCode <NmrcCd>	[0..1]	Text		2161
	Decimal <Dcml>	[0..1]	Quantity		2161
	Name <Nm>	[0..1]	Text		2161

29.1.8.17.6.16.13.2.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.17.6.16.13.2.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.8.17.6.16.13.2.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.8.17.6.16.13.2.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.16.13.2.10 ApplicableBinRange <AplblBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2162
	HigherBin <HghrBin>	[1..1]	Text		2162

29.1.8.17.6.16.13.2.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.8.17.6.16.13.2.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.8.17.6.16.13.2.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2162
	MinimumAmount <MinAmt>	[0..1]	Amount		2162
	MaximumAmount <MaxAmt>	[0..1]	Amount		2162

29.1.8.17.6.16.13.2.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.13.2.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.13.2.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.13.2.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163

29.1.8.17.6.16.13.2.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.13.2.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

29.1.8.17.6.16.13.2.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2163
	AdditionalInformation <AddtlInf>	[0..1]	Text		2163

29.1.8.17.6.16.13.2.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

29.1.8.17.6.16.13.2.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

29.1.8.17.6.16.13.2.14 DeclarationDetails <DclrtnDtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.17.6.16.14 Instalment <Instlmt>

Presence: [0..*]

Definition: Data related to a financial loan (instalment).

Instalment <Instlmt> contains the following elements (see "Instalment5" on page 2077 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstalmentPlan <InstlmtPlan>	[0..*]	CodeSet		2078
	PlanIdentification <PlanId>	[0..1]	Text		2079
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		2079
	SequenceNumber <SeqNb>	[0..1]	Quantity		2079
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2079
	InstalmentPeriod <InstlmtPrd>	[0..1]	Quantity		2080
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		2080
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		2080
	TotalAmount <TtlAmt>	[0..1]	Amount	C1, C5	2080
	FirstAmount <FrstAmt>	[0..1]	Amount		2080
	SubsequentAmount <SbsqntAmt>	[0..1]	Amount		2080
	LastAmount <LastAmt>	[0..1]	Amount		2081
	Charges <Chrgs>	[0..1]	Amount		2081
	DetailedCharges <DtldChrgs>	[0..*]	±		2081
	InterestRate <IntrstRate>	[0..*]			2081
	Type <Tp>	[0..1]	CodeSet		2081
	OtherType <OthrTp>	[0..1]	Text		2082
	Period <Prd>	[1..1]	CodeSet		2082
	Rate <Rate>	[1..1]	Rate		2082
	GracePeriod <GracePrd>	[0..*]	±		2082
	PlanNotice <PlanNtce>	[0..*]	±		2082

29.1.8.17.6.16.15 Recurring <Rcrng>

Presence: [0..1]

Definition: Data related to a recurring transaction.

Recurring <Rcrng> contains the following elements (see "[RecurringTransaction6](#)" on page 2109 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		2109
	SequenceNumber <SeqNb>	[0..1]	Quantity		2109
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		2109
	GracePeriod <GracePrd>	[0..*]	±		2110
	PlanNotice <PlanNtce>	[0..*]	±		2110

29.1.8.17.6.16.16 AggregationTransaction <AggtnTx>

Presence: [0..1]

Definition: Payment transaction with an aggregated amount.

AggregationTransaction <AggtnTx> contains the following elements (see "[AggregationTransaction3](#)" on page 2086 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FirstPaymentDateTime <FrstPmtDtTm>	[0..1]	DateTime		2086
	LastPaymentDateTime <LastPmtDtTm>	[0..1]	DateTime		2086
	NumberOfPayments <NbOfPmts>	[0..1]	Quantity		2086
	IndividualPayment <IndvPmt>	[0..*]			2086
	Amount <Amt>	[1..1]	Amount		2087
	DateTime <DtTm>	[1..1]	DateTime		2087
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		2087
	ICCRRelatedData <ICCRltdData>	[0..1]	Binary		2088
	Label <Labl>	[0..1]	Text		2088

29.1.8.17.6.16.17 ProductCodeSetIdentification <PdctCdSetId>

Presence: [0..1]

Definition: Codification used to identify the products.

Datatype: "[Max10Text](#)" on page 2379

29.1.8.17.6.16.18 SaleItem <Saleitm>

Presence: [0..*]

Definition: Item purchased with the transaction.

SaleItem <SaleItm> contains the following elements (see "Product6" on page 2111 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemIdentification <ItmId>	[0..1]	Text		2112
	ProductCode <PdctCd>	[1..1]	Text		2112
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2112
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2112
	ProductQuantity <PdctQty>	[0..1]	Quantity		2114
	UnitPrice <UnitPric>	[0..1]	Amount		2114
	UnitPriceSign <UnitPricSgn>	[0..1]	Indicator		2114
	ProductAmount <PdctAmt>	[1..1]	Amount		2114
	ProductAmountSign <PdctAmtSgn>	[0..1]	Indicator		2114
	ValueAddedTax <ValAddedTax>	[0..1]	Amount		2114
	TaxType <TaxTp>	[0..1]	Text		2115
	ProductDescription <PdctDesc>	[0..1]	Text		2115
	DeliveryLocation <DlvryLctn>	[0..1]	Text		2115
	DeliveryService <DlvrySvc>	[0..1]	CodeSet		2115
	SaleChannel <SaleChanl>	[0..1]	Text		2115
	AdditionalProductDescription <AddtlPdctDesc>	[0..1]	Text		2115

29.1.8.17.6.16.19 DeliveryLocation <DlvryLctn>

Presence: [0..1]

Definition: Location of the delivery, for instance pump number or parking bay.

Datatype: "Max35Text" on page 2382

29.1.8.17.6.16.20 ReSubmissionCounter <ReSubmissnCnt>

Presence: [0..1]

Definition: In case a message is sent after the consumption of goods or service, it indicates the number of times the authorisation has been sent to the Acquirer in order to get an approval.

Datatype: "PositiveNumber" on page 2377

29.1.8.17.6.16.21 CompletionSequenceNumber <CmpltnSeqNb>

Presence: [0..1]

Definition: Total Number of Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.8.17.6.16.22 CompletionSequenceCounter <CmpltnSeqCnt>

Presence: [0..1]

Definition: Identification in the Sequence of the Completion related to the authorisation of this transaction.

Datatype: "PositiveNumber" on page 2377

29.1.8.17.6.16.23 TotalAuthorisedAmount <TtlAuthrsdAmt>

Presence: [0..1]

Definition: Total Amount authorised for the payment transaction when a sequence of completion is used.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.6.16.24 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information related to the transaction like an Invoice or IndustryData (for example hospitality, lodging, transportation).

AdditionalInformation <AddtlInf> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2168
	Value <Val>	[0..1]	Binary		2168
	ProtectedValue <PrctcdVal>	[0..1]	±		2168
	Type <Tp>	[0..1]	Text		2169

29.1.8.17.6.16.24.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

29.1.8.17.6.16.24.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

29.1.8.17.6.16.24.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.8.17.6.16.24.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

29.1.8.17.6.16.25 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application.

Datatype: "[Max10000Binary](#)" on page 2313

29.1.8.17.6.17 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]	±		2169
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2170
	Response <Rspn>	[1..1]	CodeSet		2170
	ResponseReason <RspnRsn>	[0..1]	Text		2170
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2171
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2171

29.1.8.17.6.17.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

29.1.8.17.6.17.2 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		2170
	ResponseReason <RspnRsn>	[0..1]	Text		2170
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2171

29.1.8.17.6.17.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "[Response9Code](#)" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.1.8.17.6.17.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "[Max35Text](#)" on page 2382

29.1.8.17.6.17.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

29.1.8.17.6.17.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

29.1.8.17.6.18 MerchantReferenceData <MrchntRefData>

Presence: [0..1]

Definition: Merchant information that must be returned unchanged in the response.

Datatype: "Max70Text" on page 2384

29.1.8.17.6.19 CustomerOrder <CstmrOrdrr>

Presence: [0..1]

Definition: Customer Order processing data.

CustomerOrder <CstmrOrdrr> contains the following elements (see "CustomerOrder1" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdrrId>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdrrStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

29.1.8.17.6.20 CustomerToken <CstmrTkn>

Presence: [0..1]

Definition: Customer payment token information.

CustomerToken <CstmrTkn> contains the following elements (see "[CardPaymentToken5](#)" on page 2308 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2308
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2309
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2309
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2309
	TokenRequestor <TknRqstr>	[0..1]			2309
	ProviderIdentification <PrvdrId>	[1..1]	Text		2309
	RequestorIdentification <RqstrId>	[1..1]	Text		2309
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2309
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2310
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2310
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2310

29.1.8.17.6.21 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Indicates if the customer has explicitly validated a choice.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.17.6.22 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Specifies the card program proposed by a retailer to a cardholder among a series of payment programmes offered by the retailer.

Datatype: "[Max35Text](#)" on page 2382

29.1.8.17.6.23 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Specifies the card program actually selected by the cardholder among the ones supported by the retailer and/or the one actually proposed to him.

Datatype: "[Max35Text](#)" on page 2382

29.1.8.17.6.24 SaleToPOIData <SaleToPOIData>

Presence: [0..1]

Definition: Specifies element that the sale system wants to store in the POI system.

Datatype: "Max70Text" on page 2384

29.1.8.17.6.25 SaleToAcquirerData <SaleToAcqrrData>

Presence: [0..1]

Definition: Sale information intended for the Acquirer.

Datatype: "Max70Text" on page 2384

29.1.8.17.6.26 SaleToIssuerData <SaleToIssrData>

Presence: [0..1]

Definition: Sale information intended for the Issuer.

Datatype: "Max70Text" on page 2384

29.1.8.17.6.27 AdditionalTransactionData <AddtlTxData>

Presence: [0..*]

Definition: Additional information related to the transaction.

Datatype: "Max70Text" on page 2384

29.1.8.17.7 TransactionResponse <TxRspn>

Presence: [0..1]

Definition: Result of the transaction processing.

TransactionResponse <TxRspn> contains the following **CardPaymentTransaction144** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationResult <AuthstnRslt>	[1..1]			2176
	AuthorisationEntity <AuthstnNtty>	[0..1]	±		2176
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2177
	Response <Rspn>	[1..1]	CodeSet		2177
	ResponseReason <RspnRsn>	[0..1]	Text		2177
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2177
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2177
	CompletionRequired <CmpltnReqr>	[0..1]	Indicator		2177
	TMSTrigger <TMSTrggr>	[0..1]			2178
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2178
	TMSIdentification <TMSId>	[0..1]	Text		2178
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2178
	AllowedProductCode <AllwdPdctCd>	[0..*]			2178
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179
	NotAllowedProductCode <NotAllwdPdctCd>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179
	AdditionalAvailableProduct <AddtlAvlblPdct>	[0..*]			2179
	ProductCode <PdctCd>	[1..1]	Text		2180
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2180
	AmountLimit <AmtLmt>	[0..1]	Amount		2180
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2180
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2180
	Balance <Bal>	[0..1]	±		2182
	ProtectedBalance <PrctcdBal>	[0..1]	±		2182
	Action <Actn>	[0..*]			2183
	ActionType <ActnTp>	[1..1]	CodeSet		2183
	MessageToPresent <MsgToPres>	[0..1]	±		2184
	RemoteAccess <RmotAccs>	[0..1]	±		2185
	Retry <Rtry>	[0..1]	±		2186

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeCondition <TmCond>	[0..1]	±		2186
	CurrencyConversionEligibility <CcyConvsElgblty>	[0..1]			2186
	CurrencyConversionIdentification <CcyConvsId>	[0..1]	Text		2188
	TargetCurrency <TrgtCcy>	[1..1]			2188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2188
	NumericCode <NmrcCd>	[1..1]	Text		2188
	Decimal <Dcml>	[1..1]	Quantity		2188
	Name <Nm>	[0..1]	Text		2189
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2189
	ExchangeRate <XchgRate>	[1..1]	Rate		2189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2189
	QuotationDate <QtnDt>	[0..1]	DateTime		2189
	ValidFrom <VldFr>	[0..1]	DateTime		2189
	ValidUntil <VldUntil>	[0..1]	DateTime		2189
	SourceCurrency <SrcCcy>	[1..1]			2189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2190
	NumericCode <NmrcCd>	[0..1]	Text		2190
	Decimal <Dcml>	[0..1]	Quantity		2190
	Name <Nm>	[0..1]	Text		2190
	ApplicableBinRange <AplblBinRg>	[0..*]			2190
	LowerBin <LwrBin>	[1..1]	Text		2191
	HigherBin <HghrBin>	[1..1]	Text		2191
	OriginalAmount <OrgnlAmt>	[0..1]			2191
	ActualAmount <ActlAmt>	[0..1]	Amount		2191
	MinimumAmount <MinAmt>	[0..1]	Amount		2191
	MaximumAmount <MaxAmt>	[0..1]	Amount		2191
	CommissionDetails <ComssnDtls>	[0..*]			2192
	Amount <Amt>	[1..1]	Amount		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	MarkUpDetails <MrkUpDtls>	[0..*]			2192
	Rate <Rate>	[1..1]	Rate		2192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	DeclarationDetails <Dclrtndtls>	[0..*]	±		2192

29.1.8.17.7.1 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]	±		2176
	ResponseToAuthorisation <RspnToAuthstn>	[1..1]			2177
	Response <Rspn>	[1..1]	CodeSet		2177
	ResponseReason <RspnRsn>	[0..1]	Text		2177
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2177
	AuthorisationCode <AuthstnCd>	[0..1]	Text		2177
	CompletionRequired <CmpltnReqrd>	[0..1]	Indicator		2177
	TMSTrigger <TMSTrggr>	[0..1]			2178
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2178
	TMSIdentification <TMSId>	[0..1]	Text		2178
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2178

29.1.8.17.7.1.1 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 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2013
	Type <Tp>	[1..1]	CodeSet		2013
	Issuer <Issr>	[0..1]	CodeSet		2013
	Country <Ctry>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014

29.1.8.17.7.1.2 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		2177
	ResponseReason <RspnRsn>	[0..1]	Text		2177
	AdditionalResponseInformation <AddtlRspnInf>	[0..1]	Text		2177

29.1.8.17.7.1.2.1 Response <Rspn>

Presence: [1..1]

Definition: Result of the transaction.

Datatype: "Response9Code" on page 2363

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partially provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.1.8.17.7.1.2.2 ResponseReason <RspnRsn>

Presence: [0..1]

Definition: Detailed result of the transaction.

Datatype: "Max35Text" on page 2382

29.1.8.17.7.1.2.3 AdditionalResponseInformation <AddtlRspnInf>

Presence: [0..1]

Definition: Additional information on the response for further examination.

Datatype: "Max140Text" on page 2380

29.1.8.17.7.1.3 AuthorisationCode <AuthstnCd>

Presence: [0..1]

Definition: Value assigned by the authorising party.

Datatype: "Max8Text" on page 2384

29.1.8.17.7.1.4 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.17.7.1.5 TMSTrigger <TMSTrggr>

Presence: [0..1]

Definition: Instructs the point of interaction (POI) how to contact the host to initiate the maintenance of the terminal.

TMSTrigger <TMSTrggr> contains the following **TMSTrigger1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TMSContactLevel <TMSCtctLvl>	[1..1]	CodeSet		2178
	TMSIdentification <TMSId>	[0..1]	Text		2178
	TMSContactDateTime <TMSCtctDtTm>	[0..1]	DateTime		2178

29.1.8.17.7.1.5.1 TMSContactLevel <TMSCtctLvl>

Presence: [1..1]

Definition: Level of urgency in contacting the maintenance.

Datatype: ["TMSContactLevel1Code"](#) on page 2369

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

29.1.8.17.7.1.5.2 TMSIdentification <TMSId>

Presence: [0..1]

Definition: Identification of the host to contact for the maintenance.

Datatype: ["Max35Text"](#) on page 2382

29.1.8.17.7.1.5.3 TMSContactDateTime <TMSCtctDtTm>

Presence: [0..1]

Definition: Date and time for calling the maintenance.

Datatype: ["ISODatetime"](#) on page 2374

29.1.8.17.7.2 AllowedProductCode <AllwdPdctCd>

Presence: [0..*]

Definition: Product code which are allowed by the payment card.

AllowedProductCode <AllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179

29.1.8.17.7.2.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2384

29.1.8.17.7.2.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

29.1.8.17.7.3 NotAllowedProductCode <NotAllwdPdctCd>

Presence: [0..*]

Definition: Product code not allowed by the payment card.

NotAllowedProductCode <NotAllwdPdctCd> contains the following **Product4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		2179
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2179

29.1.8.17.7.3.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code.

Datatype: "Max70Text" on page 2384

29.1.8.17.7.3.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

29.1.8.17.7.4 AdditionalAvailableProduct <AddtlAvlblPdct>

Presence: [0..*]

Definition: Products that may be added to the purchase after the authorisation.

AdditionalAvailableProduct <AddtlAvlblPdct> contains the following **Product5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[1..1]	Text		2180
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		2180
	AmountLimit <AmtLmt>	[0..1]	Amount		2180
	QuantityLimit <QtyLmt>	[0..1]	Quantity		2180
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		2180

29.1.8.17.7.4.1 ProductCode <PdctCd>

Presence: [1..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2384

29.1.8.17.7.4.2 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional product code related to the product.

Datatype: "Max70Text" on page 2384

29.1.8.17.7.4.3 AmountLimit <AmtLmt>

Presence: [0..1]

Definition: Amount limit for the product.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.7.4.4 QuantityLimit <QtyLmt>

Presence: [0..1]

Definition: Quantity limit for the product.

Datatype: "DecimalNumber" on page 2377

29.1.8.17.7.4.5 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure6Code" on page 2372

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.

CodeName	Name	Definition
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.

CodeName	Name	Definition
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

29.1.8.17.7.5 Balance <Bal>

Presence: [0..1]

Definition: Balance and currency code of the account, related to the payment.

Balance <Bal> contains the following elements (see "[AmountAndDirection93](#)" on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1744
	Currency <Ccy>	[1..1]	CodeSet	C1	1745
	Sign <Sgn>	[0..1]	Indicator		1745

29.1.8.17.7.6 ProtectedBalance <PrctcdBal>

Presence: [0..1]

Definition: Encrypted balance of the account.

ProtectedBalance <PrctcdBal> contains the following elements (see "[ContentInformationType40](#)" on page 2299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.8.17.7.7 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed by the POI (Point Of Interaction) system.

Action <Actn> contains the following **Action17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionType <ActnTp>	[1..1]	CodeSet		2183
	MessageToPresent <MsgToPres>	[0..1]	±		2184
	RemoteAccess <RmotAccs>	[0..1]	±		2185
	Retry <Rtry>	[0..1]	±		2186
	TimeCondition <TmCond>	[0..1]	±		2186

29.1.8.17.7.7.1 ActionType <ActnTp>

Presence: [1..1]

Definition: Type of action to be performed by the POI (Point Of Interaction) system.

Datatype: "ActionType15Code" on page 2315

CodeName	Name	Definition
BUSY	Busy	Server busy, try later.
CPTR	CaptureCard	Capture the card.
DISP	DisplayMessage	Message to display, print or log.
NOVR	ForbidOverride	Payment application cannot propose to the merchant an override of the payment transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the

CodeName	Name	Definition
		ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

29.1.8.17.7.2 MessageToPresent <MsgToPres>

Presence: [0..1]

Definition: Message to be displayed to the cardholder or the cashier.

MessageToPresent <MsgToPres> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.17.7.3 RemoteAccess <RmotAccs>

Presence: [0..1]

Definition: Access information to reach the target host.

RemoteAccess <RmotAccs> contains the following elements (see "NetworkParameters7" on page 2216 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

29.1.8.17.7.4 Retry <Rtry>

Presence: [0..1]

Definition: Definition of retry process if activation of an action fails.

Retry <Rtry> contains the following elements (see "[ProcessRetry3](#)" on page 2305 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2305
	MaximumNumber <MaxNb>	[0..1]	Quantity		2305
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2305

29.1.8.17.7.5 TimeCondition <TmCond>

Presence: [0..1]

Definition: Timing condition for periodic exchanges.

TimeCondition <TmCond> contains the following elements (see "[ProcessTiming6](#)" on page 2306 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2306
	EndTime <EndTm>	[0..1]	DateTime		2306
	Period <Prd>	[0..1]	Text		2306
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2306

29.1.8.17.7.8 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 **CurrencyConversion29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CurrencyConversionIdentification <CcyConvslId>	[0..1]	Text		2188
	TargetCurrency <TrgtCcy>	[1..1]			2188
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2188
	NumericCode <NmrcCd>	[1..1]	Text		2188
	Decimal <Dcml>	[1..1]	Quantity		2188
	Name <Nm>	[0..1]	Text		2189
	ResultingAmount <RsltgAmt>	[0..1]	Amount		2189
	ExchangeRate <XchgRate>	[1..1]	Rate		2189
	InvertedExchangeRate <NvrtdXchgRate>	[0..1]	Rate		2189
	QuotationDate <QtnDt>	[0..1]	DateTime		2189
	ValidFrom <VldFr>	[0..1]	DateTime		2189
	ValidUntil <VldUntil>	[0..1]	DateTime		2189
	SourceCurrency <SrcCcy>	[1..1]			2189
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2190
	NumericCode <NmrcCd>	[0..1]	Text		2190
	Decimal <Dcml>	[0..1]	Quantity		2190
	Name <Nm>	[0..1]	Text		2190
	ApplicableBinRange <AplblBinRg>	[0..*]			2190
	LowerBin <LwrBin>	[1..1]	Text		2191
	HigherBin <HghrBin>	[1..1]	Text		2191
	OriginalAmount <OrgnlAmt>	[0..1]			2191
	ActualAmount <ActlAmt>	[0..1]	Amount		2191
	MinimumAmount <MinAmt>	[0..1]	Amount		2191
	MaximumAmount <MaxAmt>	[0..1]	Amount		2191
	CommissionDetails <ComssnDtls>	[0..*]			2192
	Amount <Amt>	[1..1]	Amount		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192
	MarkUpDetails <MrkUpDtls>	[0..*]			2192
	Rate <Rate>	[1..1]	Rate		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeclarationDetails <DclrtnDtls>	[0..*]	±		2192

29.1.8.17.7.8.1 CurrencyConversionIdentification <CcyConvslId>

Presence: [0..1]

Definition: Identification of the currency conversion operation for the service provider.

Datatype: "Max35Text" on page 2382

29.1.8.17.7.8.2 TargetCurrency <TrgtCcy>

Presence: [1..1]

Definition: Currency into which the amount is converted (ISO 4217, 3 alphanumeric characters).

TargetCurrency <TrgtCcy> contains the following **CurrencyDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[1..1]	CodeSet	C1	2188
	NumericCode <NmrcCd>	[1..1]	Text		2188
	Decimal <Dcml>	[1..1]	Quantity		2188
	Name <Nm>	[0..1]	Text		2189

29.1.8.17.7.8.2.1 AlphaCode <AlphaCd>

Presence: [1..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.17.7.8.2.2 NumericCode <NmrcCd>

Presence: [1..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.8.17.7.8.2.3 Decimal <Dcml>

Presence: [1..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.8.17.7.8.2.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.8.17.7.8.3 ResultingAmount <RsltgAmt>

Presence: [0..1]

Definition: Amount converted in the target currency, including additional charges.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.7.8.4 ExchangeRate <XchgRate>

Presence: [1..1]

Definition: Exchange rate, expressed as a percentage, applied to convert the original amount into the resulting amount.

Datatype: "PercentageRate" on page 2378

29.1.8.17.7.8.5 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 2378

29.1.8.17.7.8.6 QuotationDate <QtnDt>

Presence: [0..1]

Definition: Date and time at which the exchange rate has been quoted.

Datatype: "ISODateTime" on page 2374

29.1.8.17.7.8.7 ValidFrom <VldFr>

Presence: [0..1]

Definition: Specifies when the currency conversion could start.

Datatype: "ISODateTime" on page 2374

29.1.8.17.7.8.8 ValidUntil <VldUntil>

Presence: [0..1]

Definition: Validity limit of the exchange rate.

Datatype: "ISODateTime" on page 2374

29.1.8.17.7.8.9 SourceCurrency <SrcCcy>

Presence: [1..1]

Definition: Currency from which the amount is converted (ISO 4217, 3 alphanumeric characters).

SourceCurrency <SrcCcy> contains the following **CurrencyDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AlphaCode <AlphaCd>	[0..1]	CodeSet	C1	2190
	NumericCode <NmrcCd>	[0..1]	Text		2190
	Decimal <Dcml>	[0..1]	Quantity		2190
	Name <Nm>	[0..1]	Text		2190

29.1.8.17.7.8.9.1 AlphaCode <AlphaCd>

Presence: [0..1]

Definition: Alpha currency code (ISO 4217, 3 alphanumeric characters).

Impacted by: C1 "ActiveCurrency"

Datatype: "ActiveCurrencyCode" on page 2316

Constraints

- **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.1.8.17.7.8.9.2 NumericCode <NmrcCd>

Presence: [0..1]

Definition: Numeric currency code (ISO 4217, 3 numeric characters).

Datatype: "Exact3NumericText" on page 2378

29.1.8.17.7.8.9.3 Decimal <Dcml>

Presence: [0..1]

Definition: Maximal number of digits after the decimal separator for the currency.

Datatype: "Number" on page 2377

29.1.8.17.7.8.9.4 Name <Nm>

Presence: [0..1]

Definition: Full name of the currency.

Datatype: "Max35Text" on page 2382

29.1.8.17.7.8.10 ApplicableBinRange <AplBlBinRg>

Presence: [0..*]

Definition: Range of Bin for which the conversion is possible.

ApplicableBinRange <ApblBinRg> contains the following **BinRange1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LowerBin <LwrBin>	[1..1]	Text		2191
	HigherBin <HghrBin>	[1..1]	Text		2191

29.1.8.17.7.8.10.1 LowerBin <LwrBin>

Presence: [1..1]

Definition: Lower value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.8.17.7.8.10.2 HigherBin <HghrBin>

Presence: [1..1]

Definition: Higher value of BIN in the range.

Datatype: "Max15NumericText" on page 2380

29.1.8.17.7.8.11 OriginalAmount <OrgnlAmt>

Presence: [0..1]

Definition: Original amount in the source currency.

OriginalAmount <OrgnlAmt> contains the following **OriginalAmountDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActualAmount <ActlAmt>	[0..1]	Amount		2191
	MinimumAmount <MinAmt>	[0..1]	Amount		2191
	MaximumAmount <MaxAmt>	[0..1]	Amount		2191

29.1.8.17.7.8.11.1 ActualAmount <ActlAmt>

Presence: [0..1]

Definition: Actual amount to be converted.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.7.8.11.2 MinimumAmount <MinAmt>

Presence: [0..1]

Definition: Minimum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.7.8.11.3 MaximumAmount <MaxAmt>

Presence: [0..1]

Definition: Maximum amount for conversion (in case of range of amounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.7.8.12 CommissionDetails <ComssnDtls>

Presence: [0..*]

Definition: Commission or additional charges made as part of a currency conversion.

CommissionDetails <ComssnDtls> contains the following **Commission19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192

29.1.8.17.7.8.12.1 Amount <Amt>

Presence: [1..1]

Definition: Commission expressed as an amount of money.

Datatype: "ImpliedCurrencyAndAmount" on page 2313

29.1.8.17.7.8.12.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of commission.

Datatype: "Max350Text" on page 2381

29.1.8.17.7.8.13 MarkupDetails <MrkUpDtls>

Presence: [0..*]

Definition: Markup made as part of a currency conversion.

MarkupDetails <MrkUpDtls> contains the following **Commission18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Rate <Rate>	[1..1]	Rate		2192
	AdditionalInformation <AddtlInf>	[0..1]	Text		2192

29.1.8.17.7.8.13.1 Rate <Rate>

Presence: [1..1]

Definition: Commission expressed as a percentage.

Datatype: "PercentageRate" on page 2378

29.1.8.17.7.8.13.2 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the type of markup.

Datatype: "Max350Text" on page 2381

29.1.8.17.7.8.14 DeclarationDetails <Dclrtndtls>

Presence: [0..*]

Definition: Card scheme declaration (disclaimer) to present to the cardholder.

DeclarationDetails <DclRtnDtIs> contains the following elements (see "ActionMessage11" on page 2092 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageDestination <MsgDstn>	[1..1]	CodeSet		2092
	InformationQualifier <InfQlfr>	[0..1]	CodeSet		2092
	Format <Frmt>	[0..1]	CodeSet		2093
	MessageContent <MsgCntt>	[0..1]	Text		2094
	MessageContentSignature <MsgCnttSgntr>	[0..1]	±		2094
	OutputBarcode <OutptBrcd>	[0..1]			2094
	BarcodeType <BrcdTp>	[1..1]	CodeSet		2094
	BarcodeValue <BrcdVal>	[0..1]	Text		2095
	QRCodeBinaryValue <QRCDBinryVal>	[0..1]	Binary		2095
	QRCodeVersion <QRCDVrsn>	[0..1]	Text		2095
	QRCodeEncodingMode <QRCDNcodgMd>	[0..1]	CodeSet		2095
	QRCodeErrorCorrection <QRCDErrCrrctn>	[0..1]	CodeSet		2096
	ResponseRequiredFlag <RspnReqrdFlg>	[0..1]	Indicator		2096
	MinimumDisplayTime <MinDispTm>	[0..1]	Quantity		2096

29.1.8.17.8 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 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerOrderIdentification <CstmrOrdId>	[1..1]	Text		2090
	SaleReferenceIdentification <SaleRefId>	[1..1]	Text		2090
	OpenOrderState <OpnOrdStat>	[0..1]	Indicator		2090
	StartDate <StartDt>	[1..1]	DateTime		2090
	EndDate <EndDt>	[0..1]	DateTime		2090
	Unit <Unit>	[0..1]	CodeSet		2091
	ForecastedAmount <FrcstdAmt>	[1..1]	Amount		2091
	CurrentAmount <CurAmt>	[0..1]	Amount		2091
	Currency <Ccy>	[0..1]	CodeSet	C1	2091
	AccessedBy <AccsdBy>	[0..1]	Text		2091
	AdditionalInformation <AddtlInf>	[0..1]	Text		2091

29.1.8.17.9 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		2194
	ImageData <ImgData>	[0..1]	Binary		2194
	ImageReference <ImgRef>	[0..1]	Text		2195
	AdditionalInformation <AddtlInf>	[0..1]	Text		2195

29.1.8.17.9.1 ImageFormat <ImgFrmt>

Presence: [1..1]

Definition: Format of the image.

Datatype: "Max35Text" on page 2382

29.1.8.17.9.2 ImageData <ImgData>

Presence: [0..1]

Definition: Data of the image.

Datatype: "Max2MBBinary" on page 2314

29.1.8.17.9.3 ImageReference <ImgRef>

Presence: [0..1]

Definition: URL or name of the image.

Datatype: ["Max500Text" on page 2383](#)

29.1.8.17.9.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information for the image.

Datatype: ["Max140Text" on page 2380](#)

29.1.8.17.10 ProtectedCapturedSignature <PrctcdCaptrdSgntr>

Presence: [0..1]

Definition: Protected value of a handwritten signature.

ProtectedCapturedSignature <PrctcdCaptrdSgntr> contains the following elements (see ["ContentInformationType40" on page 2299](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.8.17.11 MerchantOverrideFlag <MrchntOvrrdFlg>

Presence: [0..1]

Definition: Indicate that the Merchant forced the result of the payment to successful.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2376](#)):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.17.12 CustomerLanguage <CstmrLang>

Presence: [0..1]

Definition: Language used to display messages to the customer.

Impacted by: [C13 "ValidationByTable"](#)

Datatype: ["LanguageCode" on page 2348](#)

Constraints

- **ValidationByTable**
Must be a valid terrestrial language.

29.1.8.17.13 OnlineFlag <OnlnFlg>

Presence: [0..1]

Definition: Indicate that the payment transaction processing has required the approval of an acquirer.

Usage: When absent, default value is False.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.18 PointOfInteractionComponent17

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		2198
	SubTypeInfoInformation <SubTpInf>	[0..1]	Text		2199
	Identification <Id>	[1..1]			2200
	ItemNumber <ItmNb>	[0..1]	Text		2200
	ProviderIdentification <PrvdrlId>	[0..1]	Text		2200
	Identification <Id>	[0..1]	Text		2200
	SerialNumber <SrlNb>	[0..1]	Text		2200
	Status <Sts>	[0..1]			2200
	VersionNumber <VrsnNb>	[0..1]	Text		2201
	Status <Sts>	[0..1]	CodeSet		2201
	ExpiryDate <XpryDt>	[0..1]	Date		2201
	StandardCompliance <StdCmplc>	[0..*]			2201
	Identification <Id>	[1..1]	Text		2201
	Version <Vrsn>	[1..1]	Text		2202
	Issuer <Issr>	[1..1]	Text		2202
	Characteristics <Chrtcs>	[0..1]			2202
	Memory <Mmry>	[0..*]			2203
	Identification <Id>	[1..1]	Text		2204
	TotalSize <TtlSz>	[1..1]	Quantity		2204
	FreeSize <FreeSz>	[1..1]	Quantity		2204
	Unit <Unit>	[1..1]	CodeSet		2204
	Communication <Com>	[0..*]			2204
	CommunicationType <ComTp>	[1..1]	CodeSet		2205
	RemoteParty <RmotPty>	[1..*]	CodeSet		2206
	Active <Actv>	[1..1]	Indicator		2206
	Parameters <Params>	[0..1]	±		2206
	PhysicalInterface <PhysIntrfc>	[0..1]			2207
	InterfaceName <IntrfcNm>	[1..1]	Text		2207
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2207
	UserName <UsrNm>	[0..1]	Text		2208
	AccessCode <AccsCd>	[0..1]	Binary		2208

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityProfile <SctyPrfl>	[0..1]	Text		2208
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2208
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2209
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2209
	SecurityElement <SctyElmt>	[0..*]	±		2209
	Assessment <Assmnt>	[0..*]			2210
	Type <Tp>	[1..1]	CodeSet		2211
	Assigner <Assgnr>	[1..*]	Text		2211
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2211
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2211
	Number <Nb>	[1..1]	Text		2211
	Package <Packg>	[0..*]			2212
	PackageIdentification <PackgId>	[0..1]	±		2212
	PackageLength <PackgLngh>	[0..1]	Quantity		2212
	OffsetStart <OffsetStart>	[0..1]	Quantity		2212
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2213
	PackageBlock <PackgBlck>	[0..*]			2213
	Identification <Id>	[1..1]	Text		2213
	Value <Val>	[0..1]	Binary		2213
	ProtectedValue <PrctcdVal>	[0..1]	±		2213
	Type <Tp>	[0..1]	Text		2214
	ProbeValue <PrbVal>	[0..1]	Binary		2214

29.1.8.18.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType7Code" on page 2360

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.
PROB	Probe	Probe used to monitor a feature on the POI.

29.1.8.18.2 SubTypeInformation <SubTpInf>

Presence: [0..1]

Definition: Additional information regarding the type of the component.

Datatype: "Max70Text" on page 2384

29.1.8.18.3 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		2200
	ProviderIdentification <PrvdrId>	[0..1]	Text		2200
	Identification <Id>	[0..1]	Text		2200
	SerialNumber <SrINb>	[0..1]	Text		2200

29.1.8.18.3.1 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 2382

29.1.8.18.3.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 2382

29.1.8.18.3.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max256Text" on page 2381

29.1.8.18.3.4 SerialNumber <SrINb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max256Text" on page 2381

29.1.8.18.4 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		2201
	Status <Sts>	[0..1]	CodeSet		2201
	ExpiryDate <XpryDt>	[0..1]	Date		2201

29.1.8.18.4.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 2381

29.1.8.18.4.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 2359

CodeName	Name	Definition
WAIT	WaitingActivation	Component not yet activated.
OUTD	OutOfOrder	Component not working properly.
OPER	InOperation	Component activated and in operation.
DACT	Deactivated	Component has been deactivated.

29.1.8.18.4.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 2374

29.1.8.18.5 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		2201
	Version <Vrsn>	[1..1]	Text		2202
	Issuer <Issr>	[1..1]	Text		2202

29.1.8.18.5.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 2382

29.1.8.18.5.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 2382

29.1.8.18.5.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2382

29.1.8.18.6 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Characteristics of a POI (Point Of Interaction) component.

Characteristics <Chrtcs> contains the following **PointOfInteractionComponentCharacteristics10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			2203
	Identification <Id>	[1..1]	Text		2204
	TotalSize <TtlSz>	[1..1]	Quantity		2204
	FreeSize <FreeSz>	[1..1]	Quantity		2204
	Unit <Unit>	[1..1]	CodeSet		2204
	Communication <Com>	[0..*]			2204
	CommunicationType <ComTp>	[1..1]	CodeSet		2205
	RemoteParty <RmotPty>	[1..*]	CodeSet		2206
	Active <Actv>	[1..1]	Indicator		2206
	Parameters <Params>	[0..1]	±		2206
	PhysicalInterface <PhysIntrfc>	[0..1]			2207
	InterfaceName <IntrfcNm>	[1..1]	Text		2207
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2207
	UserName <UsrNm>	[0..1]	Text		2208
	AccessCode <AccsCd>	[0..1]	Binary		2208
	SecurityProfile <SctyPrfl>	[0..1]	Text		2208
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2208
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		2209
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		2209
	SecurityElement <SctyElmt>	[0..*]	±		2209

29.1.8.18.6.1 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		2204
	TotalSize <TtlSz>	[1..1]	Quantity		2204
	FreeSize <FreeSz>	[1..1]	Quantity		2204
	Unit <Unit>	[1..1]	CodeSet		2204

29.1.8.18.6.1.1 Identification <Id>

Presence: [1..1]
Definition: Identification or name of the memory.
Datatype: "Max35Text" on page 2382

29.1.8.18.6.1.2 TotalSize <TtISz>

Presence: [1..1]
Definition: Total size of the memory unit.
Datatype: "DecimalNumber" on page 2377

29.1.8.18.6.1.3 FreeSize <FreeSz>

Presence: [1..1]
Definition: Total size of the available memory.
Datatype: "DecimalNumber" on page 2377

29.1.8.18.6.1.4 Unit <Unit>

Presence: [1..1]
Definition: Memory unit of the sizes.
Datatype: "MemoryUnit1Code" on page 2350

CodeName	Name	Definition
BYTE	Byte	Byte.
EXAB	ExaByte	Exa byte.
GIGA	GigaByte	Giga byte.
KILO	KiloByte	Kilo byte.
MEGA	MegaByte	Mega byte.
PETA	PetaByte	Peta byte.
TERA	TeraByte	Tera byte.

29.1.8.18.6.2 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		2205
	RemoteParty <RmotPty>	[1..*]	CodeSet		2206
	Active <Actv>	[1..1]	Indicator		2206
	Parameters <Params>	[0..1]	±		2206
	PhysicalInterface <PhysIntrfc>	[0..1]			2207
	InterfaceName <IntrfcNm>	[1..1]	Text		2207
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2207
	UserName <UsrNm>	[0..1]	Text		2208
	AccessCode <AccsCd>	[0..1]	Binary		2208
	SecurityProfile <SctyPrfl>	[0..1]	Text		2208
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2208

29.1.8.18.6.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 2359

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.

CodeName	Name	Definition
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

29.1.8.18.6.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 2357

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
PCPT	POIComponent	Party component of a POI system or POI terminal (Point of Interaction).
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

29.1.8.18.6.2.3 Active <Activ>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.8.18.6.2.4 Parameters <Params>

Presence: [0..1]

Definition: Network parameters of the communication link.

Parameters <Params> contains the following elements (see "[NetworkParameters7](#)" on page 2216 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

29.1.8.18.6.2.5 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		2207
	InterfaceType <IntrfcTp>	[0..1]	CodeSet		2207
	UserName <UsrNm>	[0..1]	Text		2208
	AccessCode <AccsCd>	[0..1]	Binary		2208
	SecurityProfile <SctyPrfl>	[0..1]	Text		2208
	AdditionalParameters <AddtlParams>	[0..1]	Binary		2208

29.1.8.18.6.2.5.1 InterfaceName <IntrfcNm>

Presence: [1..1]

Definition: Identification of the interface.

Datatype: "[Max35Text](#)" on page 2382

29.1.8.18.6.2.5.2 InterfaceType <IntrfcTp>

Presence: [0..1]

Definition: Identification of the physical link layer.

Datatype: "[POICommunicationType2Code](#)" on page 2359

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

29.1.8.18.6.2.5.3 UserName <UsrNm>

Presence: [0..1]

Definition: Optional user name to provide to use this interface.

Datatype: "Max35Text" on page 2382

29.1.8.18.6.2.5.4 AccessCode <AccsCd>

Presence: [0..1]

Definition: Optional access code to provide to use this interface.

Datatype: "Max35Binary" on page 2314

29.1.8.18.6.2.5.5 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the optional security profile to use with this interface.

Datatype: "Max35Text" on page 2382

29.1.8.18.6.2.5.6 AdditionalParameters <AddtlParams>

Presence: [0..1]

Definition: Any other parameters relevant for this interface.

Datatype: "Max2KBinary" on page 2314

29.1.8.18.6.3 SecurityAccessModules <SctyAccsMdl>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: "Number" on page 2377

29.1.8.18.6.4 SubscriberIdentityModules <SbcbIdntyMdl>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: "Number" on page 2377

29.1.8.18.6.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "CryptographicKey18" on page 2262 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2263
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2263
	Name <Nm>	[0..1]	Text		2264
	SecurityProfile <SctyPrfl>	[0..1]	Text		2264
	ItemNumber <ItmNb>	[0..1]	Text		2264
	Version <Vrsn>	[1..1]	Text		2264
	Type <Tp>	[0..1]	CodeSet		2264
	Function <Fctn>	[0..*]	CodeSet		2265
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2265
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2266
	KeyValue <KeyVal>	[0..1]	±		2266
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Type <Tp>	[1..1]	CodeSet		2266
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2267
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2267
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2267
	Name <Nm>	[1..1]	Text		2267
	Value <Val>	[0..1]	Text		2268

29.1.8.18.7 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		2211
	Assigner <Assgnr>	[1..*]	Text		2211
	DeliveryDate <DlvryDt>	[0..1]	DateTime		2211
	ExpirationDate <XprtnDt>	[0..1]	DateTime		2211
	Number <Nb>	[1..1]	Text		2211

29.1.8.18.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of assessment of the component.

Datatype: "POIComponentAssessment1Code" on page 2359

CodeName	Name	Definition
APPL	Approval	Approval number delivered by an approval centre.
CERT	Certification	Certification number delivered by a certification body.
EVAL	Evaluation	Evaluation by a lab or a tool.

29.1.8.18.7.2 Assigner <Assgnr>

Presence: [1..*]

Definition: Body which has delivered the assessment.

Datatype: "Max35Text" on page 2382

29.1.8.18.7.3 DeliveryDate <DlvryDt>

Presence: [0..1]

Definition: Date when the assessment has been delivered.

Datatype: "ISODateTime" on page 2374

29.1.8.18.7.4 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Date when the assessment will expire.

Datatype: "ISODateTime" on page 2374

29.1.8.18.7.5 Number <Nb>

Presence: [1..1]

Definition: Unique assessment number for the component.

Datatype: "Max35Text" on page 2382

29.1.8.18.8 Package <Packg>

Presence: [0..*]

Definition: Chunk of a software package.

Package <Packg> contains the following **PackageType5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PackageIdentification <PackgId>	[0..1]	±		2212
	PackageLength <PackgLngh>	[0..1]	Quantity		2212
	OffsetStart <OffsetStart>	[0..1]	Quantity		2212
	OffsetEnd <OffsetEnd>	[0..1]	Quantity		2213
	PackageBlock <PackgBlck>	[0..*]			2213
	Identification <Id>	[1..1]	Text		2213
	Value <Val>	[0..1]	Binary		2213
	ProtectedValue <PrctcdVal>	[0..1]	±		2213
	Type <Tp>	[0..1]	Text		2214

29.1.8.18.8.1 PackageIdentification <PackgId>

Presence: [0..1]

Definition: Identification of the software packages of which the chunk belongs.

PackageIdentification <PackgId> contains the following elements (see "[GenericIdentification176](#)" on page 2010 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2011
	Type <Tp>	[0..1]	CodeSet		2011
	Issuer <Issr>	[0..1]	CodeSet		2011
	Country <Ctry>	[0..1]	Text		2012
	ShortName <ShrtNm>	[0..1]	Text		2012

29.1.8.18.8.2 PackageLength <PackgLngh>

Presence: [0..1]

Definition: Full length of software package identified through PackageIdentification.

Datatype: "[PositiveNumber](#)" on page 2377

29.1.8.18.8.3 OffsetStart <OffsetStart>

Presence: [0..1]

Definition: Place of the first following PackageBlock, beginning with 0, in the full software package identified through PackageIdentification.

Datatype: "PositiveNumber" on page 2377

29.1.8.18.8.4 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 2377

29.1.8.18.8.5 PackageBlock <PackgBlck>

Presence: [0..*]

Definition: Consecutive slices of the full software package identified through PackageIdentification starting with first slice at the place identified with OffsetStart and ending with the last slice at the previous place identified with OffsetEnd.

PackageBlock <PackgBlck> contains the following **ExternallyDefinedData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2213
	Value <Val>	[0..1]	Binary		2213
	ProtectedValue <PrctcdVal>	[0..1]	±		2213
	Type <Tp>	[0..1]	Text		2214

29.1.8.18.8.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the set of data to exchange.

Datatype: "Max1025Text" on page 2379

29.1.8.18.8.5.2 Value <Val>

Presence: [0..1]

Definition: Data to exchange according to an external standard.

Datatype: "Max100KBinary" on page 2313

29.1.8.18.8.5.3 ProtectedValue <PrctcdVal>

Presence: [0..1]

Definition: Protection of the values to exchange.

ProtectedValue <PrctcdVal> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.8.18.8.5.4 Type <Tp>

Presence: [0..1]

Definition: Identification of the standard used to encode the values to exchange.

Datatype: "[Max1025Text](#)" on page 2379

29.1.8.18.9 ProbeValue <PrbVal>

Presence: [0..1]

Definition: Provides the value recorded by this probe.

Datatype: "[Max35Binary](#)" on page 2314

29.1.9 Monitoring

29.1.9.1 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]	±		2214
	ProtocolName <PrtcolNm>	[0..1]	Text		2215
	ProtocolVersion <PrtcolVrsn>	[0..1]	Text		2215
	TraceDateTimeln <TracDtTmln>	[1..1]	DateTime		2215
	TraceDateTimeOut <TracDtTmOut>	[1..1]	DateTime		2215

29.1.9.1.1 RelayIdentification <RlayId>

Presence: [1..1]

Definition: Identification of a partner of a message exchange.

RelayIdentification <RlyId> contains the following elements (see "[GenericIdentification177](#)" on page 2014 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2014
	Type <Tp>	[0..1]	CodeSet		2014
	Issuer <Issr>	[0..1]	CodeSet		2015
	Country <Ctry>	[0..1]	Text		2016
	ShortName <ShrtNm>	[0..1]	Text		2016
	RemoteAccess <RmotAccs>	[0..1]	±		2016
	Geolocation <Glctn>	[0..1]			2016
	GeographicCoordinates <GeogcCordints>	[0..1]			2017
	Latitude <Lat>	[1..1]	Text		2017
	Longitude <Long>	[1..1]	Text		2017
	UTMCoordinates <UTMCordints>	[0..1]			2017
	UTMZone <UTMZone>	[1..1]	Text		2018
	UTMEastward <UTMEstwr>	[1..1]	Text		2018
	UTMNorthward <UTMNrthwr>	[1..1]	Text		2018

29.1.9.1.2 ProtocolName <PrtcolNm>

Presence: [0..1]

Definition: Name of the outgoing protocol used by the node.

Datatype: "[Max35Text](#)" on page 2382

29.1.9.1.3 ProtocolVersion <PrtcolVrsn>

Presence: [0..1]

Definition: Version of the protocol.

Datatype: "[Max6Text](#)" on page 2383

29.1.9.1.4 TraceDateTimeln <TracDtTmln>

Presence: [1..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 2374

29.1.9.1.5 TraceDateTimeOut <TracDtTmOut>

Presence: [1..1]

Definition: Date and time of the outgoing exchange for relaying or processing.

Datatype: "[ISODateTime](#)" on page 2374

29.1.10 Network Access

29.1.10.1 NetworkParameters7

Definition: Parameters to communicate with a host.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Address <Adr>	[1..*]			2216
	NetworkType <NtwkTp>	[1..1]	CodeSet		2216
	AddressValue <AdrVal>	[1..1]	Text		2216
	UserName <UsrNm>	[0..1]	Text		2217
	AccessCode <AccsCd>	[0..1]	Binary		2217
	ServerCertificate <SvrCert>	[0..*]	Binary		2217
	ServerCertificateIdentifier <SvrCertIdr>	[0..*]	Binary		2217
	ClientCertificate <CIntCert>	[0..*]	Binary		2217
	SecurityProfile <SctyPrfl>	[0..1]	Text		2217

29.1.10.1.1 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		2216
	AddressValue <AdrVal>	[1..1]	Text		2216

29.1.10.1.1.1 NetworkType <NtwkTp>

Presence: [1..1]

Definition: Type of communication network.

Datatype: "NetworkType1Code" on page 2352

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

29.1.10.1.1.2 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 2383

29.1.10.1.2 UserName <UsrNm>

Presence: [0..1]

Definition: User name identifying the client.

Datatype: "Max35Text" on page 2382

29.1.10.1.3 AccessCode <AccsCd>

Presence: [0..1]

Definition: Password authenticating the client.

Datatype: "Max35Binary" on page 2314

29.1.10.1.4 ServerCertificate <SvrCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the server.

Datatype: "Max10KBinary" on page 2313

29.1.10.1.5 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 2313

29.1.10.1.6 ClientCertificate <CIntCert>

Presence: [0..*]

Definition: X.509 Certificate required to authenticate the client.

Datatype: "Max10KBinary" on page 2313

29.1.10.1.7 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to access the host.

Datatype: "Max35Text" on page 2382

29.1.11 Party Identification

29.1.11.1 PartyIdentification272

Definition: Specifies the identification of a person or an organisation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		2218
	PostalAddress <PstlAdr>	[0..1]	±		2219
	Identification <Id>	[0..1]			2219
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225
	CountryOfResidence <CtryOfRes>	[0..1]	CodeSet	C4	2225
	ContactDetails <CtctDtls>	[0..1]	±		2225

29.1.11.1.1 Name <Nm>

Presence: [0..1]

Definition: Name by which a party is known and which is usually used to identify that party.

Datatype: "Max140Text" on page 2380

29.1.11.1.2 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Information that locates and identifies a specific address, as defined by postal services.

PostalAddress <PstlAdr> contains the following elements (see "[PostalAddress27](#)" on page 2232 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]			2232
{Or	Code <Cd>	[1..1]	CodeSet		2233
Or}	Proprietary <Prtry>	[1..1]	±		2233
	CareOf <CareOf>	[0..1]	Text		2233
	Department <Dept>	[0..1]	Text		2233
	SubDepartment <SubDept>	[0..1]	Text		2233
	StreetName <StrtNm>	[0..1]	Text		2234
	BuildingNumber <BldgNb>	[0..1]	Text		2234
	BuildingName <BldgNm>	[0..1]	Text		2234
	Floor <Flr>	[0..1]	Text		2234
	UnitNumber <UnitNb>	[0..1]	Text		2234
	PostBox <PstBx>	[0..1]	Text		2234
	Room <Room>	[0..1]	Text		2234
	PostCode <PstCd>	[0..1]	Text		2234
	TownName <TwnNm>	[0..1]	Text		2235
	TownLocationName <TwnLctnNm>	[0..1]	Text		2235
	DistrictName <DstrctNm>	[0..1]	Text		2235
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2235
	Country <Ctry>	[0..1]	CodeSet	C4	2235
	AddressLine <AdrLine>	[0..7]	Text		2235

29.1.11.1.3 Identification <Id>

Presence: [0..1]

Definition: Unique and unambiguous identification of a party.

Identification <Id> contains one of the following **Party52Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	OrganisationIdentification <OrgId>	[1..1]			2220
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer </Issr>	[0..1]	Text		2222
Or}	PrivateIdentification <PrvtId>	[1..1]			2222
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer </Issr>	[0..1]	Text		2225

29.1.11.1.3.1 OrganisationIdentification <OrgId>

Presence: [1..1]

Definition: Unique and unambiguous way to identify an organisation.

OrganisationIdentification <OrgId> contains the following **OrganisationIdentification39** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AnyBIC <AnyBIC>	[0..1]	IdentifierSet	C3	2221
	LEI <LEI>	[0..1]	IdentifierSet		2221
	Other <Othr>	[0..*]			2221
	Identification </Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer </Issr>	[0..1]	Text		2222

29.1.11.1.3.1.1 AnyBIC <AnyBIC>

Presence: [0..1]

Definition: Business identification code of the organisation.

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 2375

Constraints

- **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

29.1.11.1.3.1.2 LEI <LEI>

Presence: [0..1]

Definition: Legal entity identification as an alternate identification for a party.

Datatype: "LEIIdentifier" on page 2376

29.1.11.1.3.1.3 Other <Othr>

Presence: [0..*]

Definition: Unique identification of an organisation, as assigned by an institution, using an identification scheme.

Other <Othr> contains the following **GenericOrganisationIdentification3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2222
	SchemeName <SchmeNm>	[0..1]			2222
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222
	Issuer <Issr>	[0..1]	Text		2222

29.1.11.1.3.1.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max256Text" on page 2381

29.1.11.1.3.1.3.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

SchemeName <SchmeNm> contains one of the following
OrganisationIdentificationSchemeName1Choice elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		2222
Or}	Proprietary <Prtry>	[1..1]	Text		2222

29.1.11.1.3.1.3.2.1 Code <Cd>

Presence: [1..1]

Definition: Name of the identification scheme, in a coded form as published in an external list.

Datatype: "ExternalOrganisationIdentification1Code" on page 2343

29.1.11.1.3.1.3.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2382

29.1.11.1.3.1.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2382

29.1.11.1.3.2 PrivateIdentification <PrvtId>

Presence: [1..1]

Definition: Unique and unambiguous identification of a person, for example a passport.

PrivateIdentification <PrvtId> contains the following **PersonIdentification18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <DtAndPlcOfBirth>	[0..1]			2223
	BirthDate <BirthDt>	[1..1]	Date		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224
	Other <Othr>	[0..*]			2224
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225

29.1.11.1.3.2.1 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		2223
	ProvinceOfBirth <PrvcOfBirth>	[0..1]	Text		2223
	CityOfBirth <CityOfBirth>	[1..1]	Text		2224
	CountryOfBirth <CtryOfBirth>	[1..1]	CodeSet	C4	2224

29.1.11.1.3.2.1.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 2374

29.1.11.1.3.2.1.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 2382

29.1.11.1.3.2.1.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 2382

29.1.11.1.3.2.1.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2338

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

29.1.11.1.3.2.2 Other <Othr>

Presence: [0..*]

Definition: Unique identification of a person, as assigned by an institution, using an identification scheme.

Other <Othr> contains the following **GenericPersonIdentification2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2224
	SchemeName <SchmeNm>	[0..1]			2224
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225
	Issuer <Issr>	[0..1]	Text		2225

29.1.11.1.3.2.2.1 Identification <Id>

Presence: [1..1]

Definition: Unique and unambiguous identification of a person.

Datatype: "Max256Text" on page 2381

29.1.11.1.3.2.2.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

SchemeName <SchmeNm> contains one of the following
PersonIdentificationSchemeName1Choice elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		2225
Or}	Proprietary <Prtry>	[1..1]	Text		2225

29.1.11.1.3.2.2.2.1 Code <Cd>

Presence: [1..1]

Definition: Name of the identification scheme, in a coded form as published in an external list.

Datatype: "ExternalPersonIdentification1Code" on page 2343

29.1.11.1.3.2.2.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 2382

29.1.11.1.3.2.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2382

29.1.11.1.4 CountryOfResidence <CtryOfRes>

Presence: [0..1]

Definition: Country in which a person resides (the place of a person's home). In the case of a company, it is the country from which the affairs of that company are directed.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2338

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

29.1.11.1.5 ContactDetails <CtctDtls>

Presence: [0..1]

Definition: Set of elements used to indicate how to contact the party.

ContactDetails <CtctDtls> contains the following elements (see "Contact13" on page 2228 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2229
	Name <Nm>	[0..1]	Text		2229
	PhoneNumber <PhneNb>	[0..1]	Text		2229
	MobileNumber <MobNb>	[0..1]	Text		2230
	FaxNumber <FaxNb>	[0..1]	Text		2230
	URLAddress <URLAdr>	[0..1]	Text		2230
	EmailAddress <EmailAdr>	[0..1]	Text		2230
	EmailPurpose <EmailPurp>	[0..1]	Text		2230
	JobTitle <JobTitl>	[0..1]	Text		2230
	Responsibility <Rspnsblty>	[0..1]	Text		2230
	Department <Dept>	[0..1]	Text		2230
	Other <Othr>	[0..*]			2231
	ChannelType <ChanlTp>	[1..1]	Text		2231
	Identification <Id>	[0..1]	Text		2231
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2231

29.1.12 Payment Type

29.1.12.1 PaymentTypeInfoInformation26

Definition: Provides further details of the type of payment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InstructionPriority <InstrPrty>	[0..1]	CodeSet		2227
	ServiceLevel <SvcLvl>	[0..*]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2227
Or}	Proprietary <Prtry>	[1..1]	Text		2227
	LocalInstrument <LclInstrm>	[0..1]			2227
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228
	CategoryPurpose <CtgyPurp>	[0..1]			2228
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

29.1.12.1.1 InstructionPriority <InstrPrty>

Presence: [0..1]

Definition: Indicator of the urgency or order of importance that the instructing party would like the instructed party to apply to the processing of the instruction.

Datatype: "Priority2Code" on page 2361

CodeName	Name	Definition
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

29.1.12.1.2 ServiceLevel <SvcLvl>

Presence: [0..*]

Definition: Agreement under which or rules under which the transaction should be processed.

ServiceLevel <SvcLvl> contains one of the following **ServiceLevel8Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		2227
Or}	Proprietary <Prtry>	[1..1]	Text		2227

29.1.12.1.2.1 Code <Cd>

Presence: [1..1]

Definition: Specifies a pre-agreed service or level of service between the parties, as published in an external service level code list.

Datatype: "ExternalServiceLevel1Code" on page 2343

29.1.12.1.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Specifies a pre-agreed service or level of service between the parties, as a proprietary code.

Datatype: "Max35Text" on page 2382

29.1.12.1.3 LocalInstrument <LclInstrm>

Presence: [0..1]

Definition: User community specific instrument.

Usage: This element is used to specify a local instrument, local clearing option and/or further qualify the service or service level.

LocalInstrument <LclInstrm> contains one of the following **LocalInstrument2Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

29.1.12.1.3.1 Code <Cd>

Presence: [1..1]
Definition: Specifies the local instrument, as published in an external local instrument code list.
Datatype: "ExternalLocalInstrument1Code" on page 2342

29.1.12.1.3.2 Proprietary <Prtry>

Presence: [1..1]
Definition: Specifies the local instrument, as a proprietary code.
Datatype: "Max35Text" on page 2382

29.1.12.1.4 CategoryPurpose <CtgyPurp>

Presence: [0..1]
Definition: Specifies the high level purpose of the instruction based on a set of pre-defined categories.

Usage: This is used by the initiating party to provide information concerning the processing of the payment. It is likely to trigger special processing by any of the agents involved in the payment chain.

CategoryPurpose <CtgyPurp> contains one of the following **CategoryPurpose1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		2228
Or}	Proprietary <Prtry>	[1..1]	Text		2228

29.1.12.1.4.1 Code <Cd>

Presence: [1..1]
Definition: Category purpose, as published in an external category purpose code list.
Datatype: "ExternalCategoryPurpose1Code" on page 2342

29.1.12.1.4.2 Proprietary <Prtry>

Presence: [1..1]
Definition: Category purpose, in a proprietary form.
Datatype: "Max35Text" on page 2382

29.1.13 Person Identification

29.1.13.1 Contact13

Definition: Specifies the details of the contact person.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NamePrefix <NmPrfx>	[0..1]	CodeSet		2229
	Name <Nm>	[0..1]	Text		2229
	PhoneNumber <PhneNb>	[0..1]	Text		2229
	MobileNumber <MobNb>	[0..1]	Text		2230
	FaxNumber <FaxNb>	[0..1]	Text		2230
	URLAddress <URLAdr>	[0..1]	Text		2230
	EmailAddress <EmailAdr>	[0..1]	Text		2230
	EmailPurpose <EmailPurp>	[0..1]	Text		2230
	JobTitle <JobTitl>	[0..1]	Text		2230
	Responsibility <Rspnsblty>	[0..1]	Text		2230
	Department <Dept>	[0..1]	Text		2230
	Other <Othr>	[0..*]			2231
	ChannelType <ChanlTp>	[1..1]	Text		2231
	Identification <Id>	[0..1]	Text		2231
	PreferredMethod <PrefrdMtd>	[0..1]	CodeSet		2231

29.1.13.1.1 NamePrefix <NmPrfx>

Presence: [0..1]

Definition: Specifies the terms used to formally address a person.

Datatype: "NamePrefix2Code" on page 2352

CodeName	Name	Definition
DOCT	Doctor	Title of the person is Doctor or Dr.
MADM	Madam	Title of the person is Madam.
MISS	Miss	Title of the person is Miss.
MIST	Mister	Title of the person is Mister or Mr.
MIKS	GenderNeutral	Title of the person is gender neutral (Mx).

29.1.13.1.2 Name <Nm>

Presence: [0..1]

Definition: Name by which a party is known and which is usually used to identify that party.

Datatype: "Max140Text" on page 2380

29.1.13.1.3 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2386

29.1.13.1.4 MobileNumber <MobNb>

Presence: [0..1]

Definition: Collection of information that identifies a mobile phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2386

29.1.13.1.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2386

29.1.13.1.6 URLAddress <URLAdr>

Presence: [0..1]

Definition: Address for the Universal Resource Locator (URL), for example an address used over the www (HTTP) service.

Datatype: "Max2048Text" on page 2380

29.1.13.1.7 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2381

29.1.13.1.8 EmailPurpose <EmailPurp>

Presence: [0..1]

Definition: Purpose for which an email address may be used.

Datatype: "Max35Text" on page 2382

29.1.13.1.9 JobTitle <JobTitl>

Presence: [0..1]

Definition: Title of the function.

Datatype: "Max35Text" on page 2382

29.1.13.1.10 Responsibility <Rspnsblty>

Presence: [0..1]

Definition: Role of a person in an organisation.

Datatype: "Max35Text" on page 2382

29.1.13.1.11 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2384

29.1.13.1.12 Other <Othr>

Presence: [0..*]

Definition: Contact details in another form.

Other <Othr> contains the following **OtherContact1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ChannelType <ChanlTp>	[1..1]	Text		2231
	Identification <Id>	[0..1]	Text		2231

29.1.13.1.12.1 ChannelType <ChanlTp>

Presence: [1..1]

Definition: Method used to contact the financial institution's contact for the specific tax region.

Datatype: "Max4Text" on page 2383

29.1.13.1.12.2 Identification <Id>

Presence: [0..1]

Definition: Communication value such as phone number or email address.

Datatype: "Max128Text" on page 2379

29.1.13.1.13 PreferredMethod <PrefrdMtd>

Presence: [0..1]

Definition: Preferred method used to reach the contact.

Datatype: "PreferredContactMethod2Code" on page 2361

CodeName	Name	Definition
MAIL	Email	Preferred method used to reach the contact is per email.
FAXX	Fax	Preferred method used to reach the contact is per fax.
LETT	Letter	Preferred method used to reach the contact is per letter.
CELL	MobileOrCellPhone	Preferred method used to reach the contact is per mobile or cell phone.
ONLI	Online	Preferred method used to reach the contact is online.
PHON	Phone	Preferred method used to reach the contact is per phone.

29.1.14 Postal Address

29.1.14.1 PostalAddress27

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]			2232
{Or	Code <Cd>	[1..1]	CodeSet		2233
Or}	Proprietary <Prtry>	[1..1]	±		2233
	CareOf <CareOf>	[0..1]	Text		2233
	Department <Dept>	[0..1]	Text		2233
	SubDepartment <SubDept>	[0..1]	Text		2233
	StreetName <StrtNm>	[0..1]	Text		2234
	BuildingNumber <BldgNb>	[0..1]	Text		2234
	BuildingName <BldgNm>	[0..1]	Text		2234
	Floor <Flr>	[0..1]	Text		2234
	UnitNumber <UnitNb>	[0..1]	Text		2234
	PostBox <PstBx>	[0..1]	Text		2234
	Room <Room>	[0..1]	Text		2234
	PostCode <PstCd>	[0..1]	Text		2234
	TownName <TwnNm>	[0..1]	Text		2235
	TownLocationName <TwnLctnNm>	[0..1]	Text		2235
	DistrictName <DstrctNm>	[0..1]	Text		2235
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2235
	Country <Ctry>	[0..1]	CodeSet	C4	2235
	AddressLine <AdrLine>	[0..7]	Text		2235

29.1.14.1.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

AddressType <AdrTp> contains one of the following **AddressType3Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		2233
Or}	Proprietary <Prtry>	[1..1]	±		2233

29.1.14.1.1.1 Code <Cd>

Presence: [1..1]

Definition: Type of address expressed as a code.

Datatype: "AddressType2Code" on page 2317

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

29.1.14.1.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Type of address expressed as a proprietary code.

Proprietary <Prtry> contains the following elements (see "GenericIdentification30" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2021
	Issuer <Issr>	[1..1]	Text		2021
	SchemeName <SchmeNm>	[0..1]	Text		2021

29.1.14.1.2 CareOf <CareOf>

Presence: [0..1]

Definition: Identifies an addressee that is accepting the correspondence for the intended recipient. Using care of ensures the correspondence reaches the right recipient rather than getting returned to the sender.

Datatype: "Max140Text" on page 2380

29.1.14.1.3 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2384

29.1.14.1.4 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 2384

29.1.14.1.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max140Text" on page 2380

29.1.14.1.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2380

29.1.14.1.7 BuildingName <BldgNm>

Presence: [0..1]

Definition: Name of the building or house.

Datatype: "Max140Text" on page 2380

29.1.14.1.8 Floor <Flr>

Presence: [0..1]

Definition: Floor or storey within a building.

Datatype: "Max70Text" on page 2384

29.1.14.1.9 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identifies a flat or dwelling within the building.

Datatype: "Max16Text" on page 2380

29.1.14.1.10 PostBox <PstBx>

Presence: [0..1]

Definition: Numbered box in a post office, assigned to a person or organisation, where letters are kept until called for.

Datatype: "Max16Text" on page 2380

29.1.14.1.11 Room <Room>

Presence: [0..1]

Definition: Building room number.

Datatype: "Max70Text" on page 2384

29.1.14.1.12 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 2380

29.1.14.1.13 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max140Text" on page 2380

29.1.14.1.14 TownLocationName <TwnLctnNm>

Presence: [0..1]

Definition: Specific location name within the town.

Datatype: "Max140Text" on page 2380

29.1.14.1.15 DistrictName <DstrctNm>

Presence: [0..1]

Definition: Identifies a subdivision within a country sub-division.

Datatype: "Max140Text" on page 2380

29.1.14.1.16 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 2382

29.1.14.1.17 Country <Ctry>

Presence: [0..1]

Definition: Nation with its own government.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2338

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

29.1.14.1.18 AddressLine <AdrLine>

Presence: [0..7]

Definition: Information that locates and identifies a specific address, as defined by postal services, presented in free format text.

Datatype: "Max70Text" on page 2384

29.1.14.2 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		2236
	AddressLine <AdrLine>	[0..5]	Text		2236
	StreetName <StrtNm>	[0..1]	Text		2236
	BuildingNumber <BldgNb>	[0..1]	Text		2236
	PostCode <PstCd>	[0..1]	Text		2237
	TownName <TwnNm>	[0..1]	Text		2237
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		2237
	Country <Ctry>	[1..1]	CodeSet	C4	2237

29.1.14.2.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 2317

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

29.1.14.2.2 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 2384

29.1.14.2.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 2384

29.1.14.2.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2380

29.1.14.2.5 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 2380

29.1.14.2.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 2382

29.1.14.2.7 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 2382

29.1.14.2.8 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C4 "Country"

Datatype: "CountryCode" on page 2338

Constraints

- **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

29.1.14.3 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		2238
	Department <Dept>	[0..1]	Text		2238
	SubDepartment <SubDept>	[0..1]	Text		2238
	AddressLine <AdrLine>	[0..2]	Text		2238
	StreetName <StrtNm>	[0..1]	Text		2239
	BuildingNumber <BldgNb>	[0..1]	Text		2239
	PostCode <PstCd>	[0..1]	Text		2239
	TownName <TwnNm>	[0..1]	Text		2239
	CountrySubDivision <CtrySubDvsn>	[0..2]	Text		2239
	CountryCode <CtryCd>	[0..1]	Text		2239

29.1.14.3.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 2317

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

29.1.14.3.2 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 2384

29.1.14.3.3 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 2384

29.1.14.3.4 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 2384

29.1.14.3.5 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 2384

29.1.14.3.6 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2380

29.1.14.3.7 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 2380

29.1.14.3.8 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max70Text" on page 2384

29.1.14.3.9 CountrySubDivision <CtrySubDvsn>

Presence: [0..2]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 2382

29.1.14.3.10 CountryCode <CtryCd>

Presence: [0..1]

Definition: Nation with its own government.

Datatype: "Min2Max3AlphaText" on page 2385

29.1.15 Secure Element

29.1.15.1 EnvelopedData1

Definition: Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2241
	OriginatorInformation <OrgtrlInf>	[0..1]			2241
	Certificate <Cert>	[0..*]	Binary		2241
	Recipient <Rcpt>	[1..*]			2241
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2242
	Version <Vrsn>	[0..1]	Quantity		2243
	RecipientIdentification <RcptId>	[1..1]			2243
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2243
	Issuer <Issr>	[1..1]			2244
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245
	SerialNumber <SrlNb>	[1..1]	Binary		2245
Or}	SubjectKeyIdentifier <Sbjtkyldr>	[1..1]	Binary		2245
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2245
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2245
Or	KEK <KEK>	[1..1]			2246
	Version <Vrsn>	[0..1]	Quantity		2246
	KEKIdentification <KEKId>	[1..1]	±		2246
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2246
	Algorithm <Algo>	[1..1]	CodeSet		2247
	Parameter <Param>	[0..1]			2249
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2249
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2250
	BytePadding <BPddg>	[0..1]	CodeSet		2250
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2250
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2250
	EncryptedContent <NcrptdCntt>	[0..1]			2251
	ContentType <CnttTp>	[1..1]	CodeSet		2251
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2251
	Algorithm <Algo>	[1..1]	CodeSet		2252

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Parameter <Param>	[0..1]			2254
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2255
	BytePadding <BPddg>	[0..1]	CodeSet		2255
	EncryptedData <NcrptdData>	[1..1]	Binary		2255

29.1.15.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.1.2 OriginatorInformation <OrgtrlInf>

Presence: [0..1]

Definition: Provides certificates of the originator.

OriginatorInformation <OrgtrlInf> contains the following **OriginatorInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Certificate <Cert>	[0..*]	Binary		2241

29.1.15.1.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 2314

29.1.15.1.3 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or identification of the protection key used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient15Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2242
	Version <Vrsn>	[0..1]	Quantity		2243
	RecipientIdentification <RcptId>	[1..1]			2243
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2243
	Issuer <Issr>	[1..1]			2244
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245
	SerialNumber <SrlNb>	[1..1]	Binary		2245
Or}	SubjectKeyIdentifier <SbjtkKeyldr>	[1..1]	Binary		2245
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2245
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2245
Or	KEK <KEK>	[1..1]			2246
	Version <Vrsn>	[0..1]	Quantity		2246
	KEKIdentification <KEKId>	[1..1]	±		2246
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2246
	Algorithm <Algo>	[1..1]	CodeSet		2247
	Parameter <Param>	[0..1]			2249
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2249
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2250
	BytePadding <BPddg>	[0..1]	CodeSet		2250
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2250
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2250

29.1.15.1.3.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2243
	RecipientIdentification <Rcptld>	[1..1]			2243
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2243
	Issuer <Issr>	[1..1]			2244
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245
	SerialNumber <SrlNb>	[1..1]	Binary		2245
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2245
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2245
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2245

29.1.15.1.3.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.1.3.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2243
	Issuer <Issr>	[1..1]			2244
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245
	SerialNumber <SrlNb>	[1..1]	Binary		2245
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2245

29.1.15.1.3.1.2.1 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]			2244
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245
	SerialNumber <SrInb>	[1..1]	Binary		2245

29.1.15.1.3.1.2.1.1 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..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245

29.1.15.1.3.1.2.1.1.1 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		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245

29.1.15.1.3.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2327

CodeName	Name	Definition
CNAT	CommonName	Common name of the attribute (ASN.1 Object Identifier: id-at-commonName).
LATT	Locality	Locality of the attribute (ASN.1 Object Identifier: id-at-localityName).

CodeName	Name	Definition
OATT	OrganisationName	Organization name of the attribute (ASN.1 Object Identifier: id-at-organizationName).
OUAT	OrganisationUnitName	Organization unit name of the attribute (ASN.1 Object Identifier: id-at-organizationalUnitName).
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

29.1.15.1.3.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2380

29.1.15.1.3.1.2.1.2 SerialNumber <SrInNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2315

29.1.15.1.3.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2313

29.1.15.1.3.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 2260 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2260
	Parameter <Param>	[0..1]			2261
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2261
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2261
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2262

29.1.15.1.3.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2314

29.1.15.1.3.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2246
	KEKIdentification <KEKId>	[1..1]	±		2246
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2246
	Algorithm <Algo>	[1..1]	CodeSet		2247
	Parameter <Param>	[0..1]			2249
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2249
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2250
	BytePadding <BPddg>	[0..1]	CodeSet		2250
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2250

29.1.15.1.3.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.1.3.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 1740 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1740
	KeyVersion <KeyVrsn>	[1..1]	Text		1741
	SequenceNumber <SeqNb>	[0..1]	Quantity		1741
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1741

29.1.15.1.3.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2247
	Parameter <Param>	[0..1]			2249
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2249
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2250
	BytePadding <BPddg>	[0..1]	CodeSet		2250

29.1.15.1.3.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2321

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption

CodeName	Name	Definition
		with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS

CodeName	Name	Definition
		PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.1.15.1.3.2.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the encryption algorithm.

Parameter <Param> contains the following **Parameter12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2249
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2250
	BytePadding <BPddg>	[0..1]	CodeSet		2250

29.1.15.1.3.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2341

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

29.1.15.1.3.2.3.2.2 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2315

29.1.15.1.3.2.3.2.3 BytePadding <BPddg>

Presence: [0..1]

Definition: Byte padding for a cypher block chaining mode encryption, if the padding is not implicit.

Datatype: "BytePadding1Code" on page 2331

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.
NUL8	Null80Padding	Message to encrypt is completed by one bit of value 1, followed by null bits until the encryption block length is reached.
NULG	NullLengthPadding	Message to encrypt is completed by null byte values, the last byte containing the total number of added bytes.
NULL	NullPadding	Message to encrypt is completed by null bytes.
RAND	RandomPadding	Message to encrypt is completed by random value, the last byte containing the total number of added bytes.

29.1.15.1.3.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 2315

29.1.15.1.3.3 KeyIdentifier <Keyldr>

Presence: [1..1]

Definition: Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

KeyIdentifier <Keyldr> contains the following elements (see "KEKIdentifier7" on page 1740 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <Keyld>	[1..1]	Text		1740
	KeyVersion <KeyVrsn>	[1..1]	Text		1741
	SequenceNumber <SeqNb>	[0..1]	Quantity		1741
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1741

29.1.15.1.4 EncryptedContent <NcrptdCntt>

Presence: [0..1]

Definition: Data protection by encryption (digital envelope), with an encryption key.

EncryptedContent <NcrptdCntt> contains the following **EncryptedContent7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2251
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2251
	Algorithm <Algo>	[1..1]	CodeSet		2252
	Parameter <Param>	[0..1]			2254
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2255
	BytePadding <BPddg>	[0..1]	CodeSet		2255
	EncryptedData <NcrptdData>	[1..1]	Binary		2255

29.1.15.1.4.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been encrypted.

Datatype: "ContentType2Code" on page 2338

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

29.1.15.1.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

Presence: [0..1]

Definition: Algorithm used to encrypt the data.

ContentEncryptionAlgorithm <CnttNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2252
	Parameter <Param>	[0..1]			2254
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2255
	BytePadding <BPddg>	[0..1]	CodeSet		2255

29.1.15.1.4.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2321

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption

CodeName	Name	Definition
		with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS

CodeName	Name	Definition
		PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.1.15.1.4.2.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the encryption algorithm.

Parameter <Param> contains the following **Parameter12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2255
	BytePadding <BPddg>	[0..1]	CodeSet		2255

29.1.15.1.4.2.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2341

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

29.1.15.1.4.2.2.2 InitialisationVector <InitlstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2315

29.1.15.1.4.2.2.3 BytePadding <BPddg>

Presence: [0..1]

Definition: Byte padding for a cypher block chaining mode encryption, if the padding is not implicit.

Datatype: "BytePadding1Code" on page 2331

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.
NUL8	Null80Padding	Message to encrypt is completed by one bit of value 1, followed by null bits until the encryption block length is reached.
NULG	NullLengthPadding	Message to encrypt is completed by null byte values, the last byte containing the total number of added bytes.
NULL	NullPadding	Message to encrypt is completed by null bytes.
RAND	RandomPadding	Message to encrypt is completed by random value, the last byte containing the total number of added bytes.

29.1.15.1.4.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data, result of the content encryption.

Datatype: "Max100KBinary" on page 2313

29.1.15.2 AlgorithmIdentification33

Definition: Identification of a cryptographic algorithm and parameters for digital signatures.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2256
	Parameter <Param>	[0..1]			2258
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2259
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2259
	SaltLength <SaltLngth>	[0..1]	Quantity		2260
	TrailerField <TrlrFld>	[0..1]	Quantity		2260
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2260

29.1.15.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm29Code" on page 2323

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
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.

CodeName	Name	Definition
ES23	EcdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EF22	EcdsaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF33	EcdsaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcdsaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcdsaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcdsaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcdsaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.

CodeName	Name	Definition
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
SM33	SM2Sha3-384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
SM32	SM2Sha3-256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
SM35	SM2Sha3-512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
SM23	SM2Sha384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
SM25	SM2Sha512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
S2S3	SM2SM3	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with ShangMi3 Digest Algorithm.

29.1.15.2.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the RSASSA-PSS digital signature algorithm (RSA signature algorithm with appendix: Probabilistic Signature Scheme).

Parameter <Param> contains the following **Parameter16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2259
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2259
	SaltLength <SaltLngth>	[0..1]	Quantity		2260
	TrailerField <TrlrFld>	[0..1]	Quantity		2260
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2260

29.1.15.2.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2317

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).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.15.2.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification34" on page 2303 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2304
	Parameter <Param>	[0..1]			2304
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2304

29.1.15.2.2.3 SaltLength <SaltLngth>

Presence: [0..1]

Definition: Length of the salt to include in the signature.

Datatype: "Number" on page 2377

29.1.15.2.2.4 TrailerField <TrlrFld>

Presence: [0..1]

Definition: Trailer field number.

Datatype: "Number" on page 2377

29.1.15.2.2.5 OIDCurveName <OIDCrvNm>

Presence: [0..1]

Definition: Name of the Elliptic Curve according to the OID notation.

Datatype: "Max140Text" on page 2380

29.1.15.3 AlgorithmIdentification35

Definition: Cryptographic algorithms and parameters for the protection of transported keys by an asymmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2260
	Parameter <Param>	[0..1]			2261
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2261
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2261
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2262

29.1.15.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 2325

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSAO	RSAAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

29.1.15.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the encryption algorithm.

Parameter <Param> contains the following **Parameter17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2261
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2261
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2262

29.1.15.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2341

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

29.1.15.3.2.2 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2317

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).

CodeName	Name	Definition
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.15.3.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification34" on page 2303 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2304
	Parameter <Param>	[0..1]			2304
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2304

29.1.15.4 CryptographicKey18

Definition: Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2263
	AdditionalIdentification <AddtlId>	[0..1]	Binary		2263
	Name <Nm>	[0..1]	Text		2264
	SecurityProfile <SctyPrfl>	[0..1]	Text		2264
	ItemNumber <ItmNb>	[0..1]	Text		2264
	Version <Vrsn>	[1..1]	Text		2264
	Type <Tp>	[0..1]	CodeSet		2264
	Function <Fctn>	[0..*]	CodeSet		2265
	ActivationDate <ActvtnDt>	[0..1]	DateTime		2265
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		2266
	KeyValue <KeyVal>	[0..1]	±		2266
	ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>	[0..*]			2266
	Identification <Id>	[1..1]	Text		2266
	Type <Tp>	[1..1]	CodeSet		2266
	ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>	[0..*]	±		2267
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		2267
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			2267
	Name <Nm>	[1..1]	Text		2267
	Value <Val>	[0..1]	Text		2268

29.1.15.4.1 Identification <Id>

Presence: [1..1]

Definition: Name of the cryptographic key.

Datatype: "Max350Text" on page 2381

29.1.15.4.2 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 2314

29.1.15.4.3 Name <Nm>

Presence: [0..1]

Definition: Name of the Cryptographic Element.

Datatype: "Max256Text" on page 2381

29.1.15.4.4 SecurityProfile <SctyPrfl>

Presence: [0..1]

Definition: Identification of the set of security elements to which this element belongs.

Datatype: "Max35Text" on page 2382

29.1.15.4.5 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 2382

29.1.15.4.6 Version <Vrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max256Text" on page 2381

29.1.15.4.7 Type <Tp>

Presence: [0..1]

Definition: Type of algorithm used by the cryptographic key.

Datatype: "CryptographicKeyType3Code" on page 2338

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal

CodeName	Name	Definition
		Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

29.1.15.4.8 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 2347

CodeName	Name	Definition
ENCR	Encryption	Key may encrypt.
DCPT	Decryption	Key may decrypt.
DENC	DataEncryption	Key may encrypt data.
DDEC	DataDecryption	Key may decrypt data.
TRNI	TranslateInput	Key may encrypt information before translation.
TRNX	TranslateOutput	Key may encrypt information after translation.
MACG	MessageAuthenticationCodeGeneration	Key may generate message authentication codes (MAC).
MACV	MessageAuthenticationCodeVerification	Key may verify message authentication codes (MAC).
SIGG	SignatureGeneration	Key may generate digital signatures.
SUGV	SignatureVerification	Key may verify digital signatures.
PINE	PINEncryption	Key may encrypt personal identification numbers (PIN).
PIND	PINDecryption	Key may decrypt personal identification numbers (PIN).
PINV	PINVerification	Key may verify personal identification numbers (PIN).
KEYG	KeyGeneration	Key may generate keys.
KEYI	KeyImport	Key may import keys.
KEYX	KeyExport	Key may export keys.
KEYD	KeyDerivation	Key may derive keys.

29.1.15.4.9 ActivationDate <ActvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODateTime" on page 2374

29.1.15.4.10 DeactivationDate <DeactvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be deactivated.

Datatype: "ISODateTime" on page 2374

29.1.15.4.11 KeyValue <KeyVal>

Presence: [0..1]

Definition: Encrypted cryptographic key.

KeyValue <KeyVal> contains the following elements (see "ContentInformationType39" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstdData>	[0..1]	±		2288

29.1.15.4.12 ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs>

Presence: [0..*]

Definition: Identification of components which are allowed to access this cryptographic key.

ComponentWithAuthorisedAccess <CmpntWthAuthrsdAccs> contains the following **GenericIdentification186** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		2266
	Type <Tp>	[1..1]	CodeSet		2266

29.1.15.4.12.1 Identification <Id>

Presence: [1..1]

Definition: Identification of an element in the system.

Datatype: "Max256Text" on page 2381

29.1.15.4.12.2 Type <Tp>

Presence: [1..1]

Definition: Type of actor in the system.

Datatype: "PartyType7Code" on page 2357

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.

CodeName	Name	Definition
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
PCPT	POIComponent	Party component of a POI system or POI terminal (Point of Interaction).
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

29.1.15.4.13 ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs>

Presence: [0..*]

Definition: Protection of Identification of components which are allowed to access this cryptographic key.

ProtectedComponentWithAuthorisedAccess <PrtctdCmpntWthAuthrsdAccs> contains the following elements (see "[ContentInformationType39](#)" on page 2283 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <Dgstddata>	[0..1]	±		2288

29.1.15.4.14 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "[Max35Binary](#)" on page 2314

29.1.15.4.15 AdditionalManagementInformation <AddtlMgmtInf>

Presence: [0..*]

Definition: Additional Information needed by the receiver to securely process the management of the security element.

AdditionalManagementInformation <AddtlMgmtInf> contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2267
	Value <Val>	[0..1]	Text		2268

29.1.15.4.15.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 2384

29.1.15.4.15.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 2380

29.1.15.5 AuthenticatedData10

Definition: Message authentication code (MAC), computed on the data to protect with an encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2269
	Recipient <Rcpt>	[1..*]			2270
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2270
	Version <Vrsn>	[0..1]	Quantity		2271
	RecipientIdentification <RcptId>	[1..1]			2271
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2271
	Issuer <Issr>	[1..1]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrlNb>	[1..1]	Binary		2273
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2273
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2273
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2273
Or	KEK <KEK>	[1..1]			2274
	Version <Vrsn>	[0..1]	Quantity		2274
	KEKIdentification <KEKId>	[1..1]	±		2274
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2274
	Algorithm <Algo>	[1..1]	CodeSet		2275
	Parameter <Param>	[0..1]			2277
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2278
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2278
	MACAlgorithm <MACAlgo>	[1..1]	±		2279
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2279
	MAC <MAC>	[1..1]	Binary		2279

29.1.15.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.5.2 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or protection key identification used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient15Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2270
	Version <Vrsn>	[0..1]	Quantity		2271
	RecipientIdentification <RcptId>	[1..1]			2271
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2271
	Issuer <Issr>	[1..1]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrlNb>	[1..1]	Binary		2273
	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2273
Or}	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2273
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2273
	KEK <KEK>	[1..1]			2274
Or	Version <Vrsn>	[0..1]	Quantity		2274
	KEKIdentification <KEKId>	[1..1]	±		2274
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2274
	Algorithm <Algo>	[1..1]	CodeSet		2275
	Parameter <Param>	[0..1]			2277
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2278
	KeyIdentifier <KeyIdr>	[1..1]	±		2278

29.1.15.5.2.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2271
	RecipientIdentification <Rcptld>	[1..1]			2271
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2271
	Issuer <Issr>	[1..1]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrlNb>	[1..1]	Binary		2273
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2273
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2273
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2273

29.1.15.5.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.5.2.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2271
	Issuer <Issr>	[1..1]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrlNb>	[1..1]	Binary		2273
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2273

29.1.15.5.2.1.2.1 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]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrInb>	[1..1]	Binary		2273

29.1.15.5.2.1.2.1.1 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..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273

29.1.15.5.2.1.2.1.1.1 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		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273

29.1.15.5.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2327

CodeName	Name	Definition
CNAT	CommonName	Common name of the attribute (ASN.1 Object Identifier: id-at-commonName).
LATT	Locality	Locality of the attribute (ASN.1 Object Identifier: id-at-localityName).

CodeName	Name	Definition
OATT	OrganisationName	Organization name of the attribute (ASN.1 Object Identifier: id-at-organizationName).
OUAT	OrganisationUnitName	Organization unit name of the attribute (ASN.1 Object Identifier: id-at-organizationalUnitName).
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

29.1.15.5.2.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2380

29.1.15.5.2.1.2.1.2 SerialNumber <SrlNb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2315

29.1.15.5.2.1.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2313

29.1.15.5.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification35" on page 2260 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2260
	Parameter <Param>	[0..1]			2261
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2261
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2261
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2262

29.1.15.5.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2314

29.1.15.5.2.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2274
	KEKIdentification <KEKId>	[1..1]	±		2274
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2274
	Algorithm <Algo>	[1..1]	CodeSet		2275
	Parameter <Param>	[0..1]			2277
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2278

29.1.15.5.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.5.2.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "KEKIdentifier7" on page 1740 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1740
	KeyVersion <KeyVrsn>	[1..1]	Text		1741
	SequenceNumber <SeqNb>	[0..1]	Quantity		1741
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1741

29.1.15.5.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following **AlgorithmIdentification32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2275
	Parameter <Param>	[0..1]			2277
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278

29.1.15.5.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm28Code" on page 2321

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.
UKPT	UKPT	UKPT (Unique Key Per Transaction) or Master Session Key key encryption - (ASN.1 Object Identifier: id-ukpt-wrap).
UKA2	UKPTwithAES192	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption

CodeName	Name	Definition
		with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS

CodeName	Name	Definition
		PUB 81 - (ASN.1 Object Identifier: des-cbc).
UKA1	UKPTwithAES128	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
UKA3	UKPTwithAES256	UKPT (Unique Key Per Transaction) or Master Session Key key encryption, using Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.1.15.5.2.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the encryption algorithm.

Parameter <Param> contains the following **Parameter12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278

29.1.15.5.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2341

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

29.1.15.5.2.3.2.2 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2315

29.1.15.5.2.3.2.3 BytePadding <BPddg>

Presence: [0..1]

Definition: Byte padding for a cypher block chaining mode encryption, if the padding is not implicit.

Datatype: "BytePadding1Code" on page 2331

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.
NUL8	Null80Padding	Message to encrypt is completed by one bit of value 1, followed by null bits until the encryption block length is reached.
NULG	NullLengthPadding	Message to encrypt is completed by null byte values, the last byte containing the total number of added bytes.
NULL	NullPadding	Message to encrypt is completed by null bytes.
RAND	RandomPadding	Message to encrypt is completed by random value, the last byte containing the total number of added bytes.

29.1.15.5.2.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 2315

29.1.15.5.2.3 KeyIdentifier <Keyldr>

Presence: [1..1]

Definition: Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

KeyIdentifier <Keyldr> contains the following elements (see "KEKIdentifier7" on page 1740 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <Keyld>	[1..1]	Text		1740
	KeyVersion <KeyVrsn>	[1..1]	Text		1741
	SequenceNumber <SeqNb>	[0..1]	Quantity		1741
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1741

29.1.15.5.3 MACAlgorithm <MACAlgo>

Presence: [1..1]

Definition: Algorithm to compute message authentication code (MAC).

MACAlgorithm <MACAlgo> contains the following elements (see "[AlgorithmIdentification31](#)" on page 2296 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299

29.1.15.5.4 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data to authenticate.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2088
	Content <Cntt>	[0..1]	Binary		2089

29.1.15.5.5 MAC <MAC>

Presence: [1..1]

Definition: Message authentication code value.

Datatype: "[Max140Binary](#)" on page 2313

29.1.15.6 ContentInformationType38

Definition: General cryptographic message syntax (CMS) containing data. protected by a MAC or a digital signature.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2279
	AuthenticatedData <AuthntcdData>	[0..1]	±		2280
	SignedData <SgndData>	[0..1]	±		2281

29.1.15.6.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2338

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

29.1.15.6.2 AuthenticatedData <AuthntcdData>

Presence: [0..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 2268 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2269
	Recipient <Rcpt>	[1..*]			2270
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2270
	Version <Vrsn>	[0..1]	Quantity		2271
	RecipientIdentification <RcptId>	[1..1]			2271
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2271
	Issuer <Issr>	[1..1]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrlNb>	[1..1]	Binary		2273
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2273
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2273
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2273
Or	KEK <KEK>	[1..1]			2274
	Version <Vrsn>	[0..1]	Quantity		2274
	KEKIdentification <KEKId>	[1..1]	±		2274
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2274
	Algorithm <Algo>	[1..1]	CodeSet		2275
	Parameter <Param>	[0..1]			2277
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2278
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2278
	MACAlgorithm <MACAlgo>	[1..1]	±		2279
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2279
	MAC <MAC>	[1..1]	Binary		2279

29.1.15.6.3 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData9" on page 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2289
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2290
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2290
	Certificate <Cert>	[0..*]	Binary		2290
	Signer <Sgnr>	[0..*]			2290
	Version <Vrsn>	[0..1]	Quantity		2291
	SignerIdentification <SgnrId>	[0..1]			2291
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2292
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2292
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293
	SerialNumber <SrlNb>	[1..1]	Binary		2293
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2293
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2293
	SignedAttributes <SgndAttrbts>	[0..*]			2294
	Name <Nm>	[1..1]	Text		2294
	Value <Val>	[0..1]	Text		2294
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2294
	Signature <Sgntr>	[1..1]	Binary		2295

29.1.15.7 DigestedData6

Definition: Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2283
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2283
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2283
	Digest <Dgst>	[1..1]	Binary		2283

29.1.15.7.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.7.2 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification36" on page 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2295

29.1.15.7.3 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data on which the digest is computed.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "EncapsulatedContent3" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2088
	Content <Cntt>	[0..1]	Binary		2089

29.1.15.7.4 Digest <Dgst>

Presence: [1..1]

Definition: Result of data-digesting process.

Datatype: "Max140Binary" on page 2313

29.1.15.8 ContentInformationType39

Definition: General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2284
	EnvelopedData <EnvlpdData>	[0..1]	±		2284
	AuthenticatedData <AuthntcdData>	[0..1]	±		2286
	SignedData <SgndData>	[0..1]	±		2287
	DigestedData <DgstddData>	[0..1]	±		2288

29.1.15.8.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2338

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

29.1.15.8.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Data protection by encryption, with a session key.

EnvelopedData <EnvlpdData> contains the following elements (see "EnvelopedData11" on page 2239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2241
	OriginatorInformation <OrgtrlInf>	[0..1]			2241
	Certificate <Cert>	[0..*]	Binary		2241
	Recipient <Rcpt>	[1..*]			2241
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2242
	Version <Vrsn>	[0..1]	Quantity		2243
	RecipientIdentification <RcptId>	[1..1]			2243
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2243
	Issuer <Issr>	[1..1]			2244
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245
	SerialNumber <SrlNb>	[1..1]	Binary		2245
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2245
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2245
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2245
Or	KEK <KEK>	[1..1]			2246
	Version <Vrsn>	[0..1]	Quantity		2246
	KEKIdentification <KEKId>	[1..1]	±		2246
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2246
	Algorithm <Algo>	[1..1]	CodeSet		2247
	Parameter <Param>	[0..1]			2249
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2249
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2250
	BytePadding <BPddg>	[0..1]	CodeSet		2250
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2250
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2250
	EncryptedContent <NcrptdCntt>	[0..1]			2251
	ContentType <CnttTp>	[1..1]	CodeSet		2251
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2251

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2252
	Parameter <Param>	[0..1]			2254
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2255
	BytePadding <BPddg>	[0..1]	CodeSet		2255
	EncryptedData <NcrptdData>	[1..1]	Binary		2255

29.1.15.8.3 AuthenticatedData <AuthntcdData>

Presence: [0..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 2268 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2269
	Recipient <Rcpt>	[1..*]			2270
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2270
	Version <Vrsn>	[0..1]	Quantity		2271
	RecipientIdentification <RcptId>	[1..1]			2271
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2271
	Issuer <Issr>	[1..1]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrlNb>	[1..1]	Binary		2273
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2273
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2273
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2273
Or	KEK <KEK>	[1..1]			2274
	Version <Vrsn>	[0..1]	Quantity		2274
	KEKIdentification <KEKId>	[1..1]	±		2274
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2274
	Algorithm <Algo>	[1..1]	CodeSet		2275
	Parameter <Param>	[0..1]			2277
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2278
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2278
	MACAlgorithm <MACAlgo>	[1..1]	±		2279
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2279
	MAC <MAC>	[1..1]	Binary		2279

29.1.15.8.4 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData9" on page 2289 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2289
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2290
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2290
	Certificate <Cert>	[0..*]	Binary		2290
	Signer <Sgnr>	[0..*]			2290
	Version <Vrsn>	[0..1]	Quantity		2291
	SignerIdentification <SgnrId>	[0..1]			2291
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2292
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2292
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293
	SerialNumber <SrlNb>	[1..1]	Binary		2293
Or}	SubjectKeyIdentifier <SbjtKeyIdr>	[1..1]	Binary		2293
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2293
	SignedAttributes <SgndAttrbts>	[0..*]			2294
	Name <Nm>	[1..1]	Text		2294
	Value <Val>	[0..1]	Text		2294
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2294
	Signature <Sgntr>	[1..1]	Binary		2295

29.1.15.8.5 DigestedData <DgstdData>

Presence: [0..1]

Definition: Data protected by a digest.

DigestedData <DgstdData> contains the following elements (see "DigestedData6" on page 2282 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2283
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2283
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2283
	Digest <Dgst>	[1..1]	Binary		2283

29.1.15.9 SignedData9

Definition: Digital signatures of data from one or several signers.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2289
	DigestAlgorithm <DgstAlgo>	[0..*]	±		2290
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		2290
	Certificate <Cert>	[0..*]	Binary		2290
	Signer <Sgnr>	[0..*]			2290
	Version <Vrsn>	[0..1]	Quantity		2291
	SignerIdentification <SgnrId>	[0..1]			2291
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2292
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2292
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293
	SerialNumber <SrlNb>	[1..1]	Binary		2293
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2293
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2293
	SignedAttributes <SgndAttrbts>	[0..*]			2294
	Name <Nm>	[1..1]	Text		2294
	Value <Val>	[0..1]	Text		2294
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2294
	Signature <Sgntr>	[1..1]	Binary		2295

29.1.15.9.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2377

29.1.15.9.2 DigestAlgorithm <DgstAlgo>

Presence: [0..*]

Definition: Identification of digest algorithm applied before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification36](#)" on page 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2295

29.1.15.9.3 EncapsulatedContent <NcpsltdCntt>

Presence: [0..1]

Definition: Data to sign.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2088
	Content <Cntt>	[0..1]	Binary		2089

29.1.15.9.4 Certificate <Cert>

Presence: [0..*]

Definition: Chain of X.509 certificates.

Datatype: "Max5000Binary" on page 2314

29.1.15.9.5 Signer <Sgnr>

Presence: [0..*]

Definition: Digital signature and identification of a signer.

Signer <Sgnr> contains the following **Signer8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2291
	SignerIdentification <SgnrId>	[0..1]			2291
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2292
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2292
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293
	SerialNumber <SrlNb>	[1..1]	Binary		2293
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2293
	DigestAlgorithm <DgstAlgo>	[1..1]	±		2293
	SignedAttributes <SgndAttrbts>	[0..*]			2294
	Name <Nm>	[1..1]	Text		2294
	Value <Val>	[0..1]	Text		2294
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		2294
	Signature <Sgntr>	[1..1]	Binary		2295

29.1.15.9.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the Cryptographic Message Syntax (CMS) data structure.

Datatype: "Number" on page 2377

29.1.15.9.5.2 SignerIdentification <SgnrId>

Presence: [0..1]

Definition: Identification of the entity who has signed the data.

SignerIdentification <SgnrId> contains one of the following **Recipient13Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2292
	Issuer <Issr>	[1..1]			2292
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2292
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293
	SerialNumber <SrlNb>	[1..1]	Binary		2293
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2293

29.1.15.9.5.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrlNb> contains the following **IssuerAndSerialNumber2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			2292
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2292
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293
	SerialNumber <SrlNb>	[1..1]	Binary		2293

29.1.15.9.5.2.1.1 Issuer <Issr>

Presence: [1..1]

Definition: Certificate issuer name (see X.509).

Issuer <Issr> contains the following **CertificateIssuer1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2292
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293

29.1.15.9.5.2.1.1.1 RelativeDistinguishedName <RltvDstngshdNm>

Presence: [1..*]

Definition: Relative distinguished name inside a X.509 certificate.

RelativeDistinguishedName <RltvDstngshdNm> contains the following
RelativeDistinguishedName1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		2293
	AttributeValue <AttrVal>	[1..1]	Text		2293

29.1.15.9.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2327

CodeName	Name	Definition
CNAT	CommonName	Common name of the attribute (ASN.1 Object Identifier: id-at-commonName).
LATT	Locality	Locality of the attribute (ASN.1 Object Identifier: id-at-localityName).
OATT	OrganisationName	Organization name of the attribute (ASN.1 Object Identifier: id-at-organizationName).
OUAT	OrganisationUnitName	Organization unit name of the attribute (ASN.1 Object Identifier: id-at-organizationalUnitName).
CATT	CountryName	Country name of the attribute (ASN.1 Object Identifier: id-at-countryName).

29.1.15.9.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2380

29.1.15.9.5.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max500Binary" on page 2315

29.1.15.9.5.2.2 SubjectKeyIdentifier <SbjtKeyldr>

Presence: [1..1]

Definition: Specifies the recipient's certificate by a key identifier.

Datatype: "Max140Binary" on page 2313

29.1.15.9.5.3 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of a digest algorithm to apply before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification36" on page 2295 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2295

29.1.15.9.5.4 SignedAttributes <SgndAttrbts>

Presence: [0..*]

Definition: Collection of attributes that are signed.

SignedAttributes <SgndAttrbts> contains the following **GenericInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[1..1]	Text		2294
	Value <Val>	[0..1]	Text		2294

29.1.15.9.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 2384

29.1.15.9.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 2380

29.1.15.9.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "AlgorithmIdentification33" on page 2255 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2256
	Parameter <Param>	[0..1]			2258
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2259
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		2259
	SaltLength <SaltLngth>	[0..1]	Quantity		2260
	TrailerField <TrlrFld>	[0..1]	Quantity		2260
	OIDCurveName <OIDCrvNm>	[0..1]	Text		2260

29.1.15.9.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "Max3000Binary" on page 2314

29.1.15.10 AlgorithmIdentification36

Definition: Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2295

29.1.15.10.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm26Code" on page 2317

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).

CodeName	Name	Definition
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.15.11 AlgorithmIdentification31

Definition: Identification of a cryptographic algorithm and parameters for the MAC computation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2296
	Parameter <Param>	[0..1]			2298
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299

29.1.15.11.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the MAC algorithm.

Datatype: "Algorithm27Code" on page 2318

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,

CodeName	Name	Definition
		2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

CodeName	Name	Definition
		The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA2	CMACAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA3	CMACAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
S34C	SM3SM4CBC	ShangMi 4 enciphering method used in CBC mode coupled with ShangMi 3 hash function.
S34R	SM3SM4CTR	ShangMi 4 enciphering method used in CTR mode coupled with ShangMi 3 hash function.

29.1.15.11.2 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		2299
	BytePadding <BPddg>	[0..1]	CodeSet		2299

29.1.15.11.2.1 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2315

29.1.15.11.2.2 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 2331

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.
NUL8	Null80Padding	Message to encrypt is completed by one bit of value 1, followed by null bits until the encryption block length is reached.
NULG	NullLengthPadding	Message to encrypt is completed by null byte values, the last byte containing the total number of added bytes.
NULL	NullPadding	Message to encrypt is completed by null bytes.
RAND	RandomPadding	Message to encrypt is completed by random value, the last byte containing the total number of added bytes.

29.1.15.12 ContentInformationType40

Definition: General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2299
	EnvelopedData <EnvlpdData>	[1..1]	±		2300

29.1.15.12.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2338

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).

CodeName	Name	Definition
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

29.1.15.12.2 EnvelopedData <EnvlpdData>

Presence: [1..1]

Definition: Data protection by encryption or by a digital envelope, with an encryption key.

EnvelopedData <EnvlpdData> contains the following elements (see "EnvelopedData11" on page 2239 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2241
	OriginatorInformation <OrgtrlInf>	[0..1]			2241
	Certificate <Cert>	[0..*]	Binary		2241
	Recipient <Rcpt>	[1..*]			2241
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2242
	Version <Vrsn>	[0..1]	Quantity		2243
	RecipientIdentification <RcptId>	[1..1]			2243
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2243
	Issuer <Issr>	[1..1]			2244
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2244
	AttributeType <AttrTp>	[1..1]	CodeSet		2244
	AttributeValue <AttrVal>	[1..1]	Text		2245
	SerialNumber <SrlNb>	[1..1]	Binary		2245
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2245
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2245
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2245
Or	KEK <KEK>	[1..1]			2246
	Version <Vrsn>	[0..1]	Quantity		2246
	KEKIdentification <KEKId>	[1..1]	±		2246
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2246
	Algorithm <Algo>	[1..1]	CodeSet		2247
	Parameter <Param>	[0..1]			2249
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2249
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2250
	BytePadding <BPddg>	[0..1]	CodeSet		2250
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2250
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2250
	EncryptedContent <NcrptdCntt>	[0..1]			2251
	ContentType <CnttTp>	[1..1]	CodeSet		2251
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]			2251

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2252
	Parameter <Param>	[0..1]			2254
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2254
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2255
	BytePadding <BPddg>	[0..1]	CodeSet		2255
	EncryptedData <NcrptdData>	[1..1]	Binary		2255

29.1.15.13 ContentInformationType37

Definition: General cryptographic message syntax (CMS) containing authenticated data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2302
	AuthenticatedData <AuthntcdData>	[1..1]	±		2302

29.1.15.13.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2338

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

29.1.15.13.2 AuthenticatedData <AuthntcdData>

Presence: [1..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "AuthenticatedData10" on page 2268 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		2269
	Recipient <Rcpt>	[1..*]			2270
{Or	KeyTransport <KeyTrnsprt>	[1..1]			2270
	Version <Vrsn>	[0..1]	Quantity		2271
	RecipientIdentification <RcptId>	[1..1]			2271
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			2271
	Issuer <Issr>	[1..1]			2272
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			2272
	AttributeType <AttrTp>	[1..1]	CodeSet		2272
	AttributeValue <AttrVal>	[1..1]	Text		2273
	SerialNumber <SrlNb>	[1..1]	Binary		2273
Or}	SubjectKeyIdentifier <SbjtKeyldr>	[1..1]	Binary		2273
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		2273
	EncryptedKey <NcrptdKey>	[1..1]	Binary		2273
Or	KEK <KEK>	[1..1]			2274
	Version <Vrsn>	[0..1]	Quantity		2274
	KEKIdentification <KEKId>	[1..1]	±		2274
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			2274
	Algorithm <Algo>	[1..1]	CodeSet		2275
	Parameter <Param>	[0..1]			2277
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2277
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2278
	BytePadding <BPddg>	[0..1]	CodeSet		2278
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2278
Or}	KeyIdentifier <Keyldr>	[1..1]	±		2278
	MACAlgorithm <MACAlgo>	[1..1]	±		2279
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		2279
	MAC <MAC>	[1..1]	Binary		2279

29.1.15.14 AlgorithmIdentification34

Definition: Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2304
	Parameter <Param>	[0..1]			2304
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2304

29.1.15.14.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 2326

CodeName	Name	Definition
MGF1	MGF1	Generator Function, used for RSA encryption and RSA igital signature (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-mgf1).

29.1.15.14.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the mask generator function cryptographic algorithm.

Parameter <Param> contains the following **Parameter18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		2304

29.1.15.14.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm26Code" on page 2317

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).

CodeName	Name	Definition
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.1.16 Synchronisation

29.1.16.1 ProcessRetry3

Definition: Definition of retry process if activation of an action fails.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Delay <Dely>	[1..1]	Text		2305
	MaximumNumber <MaxNb>	[0..1]	Quantity		2305
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2305

29.1.16.1.1 Delay <Dely>

Presence: [1..1]

Definition: Time period to wait for a retry in months, days, hours and minutes, leading zeros could be omitted.

Datatype: "Max9NumericText" on page 2384

29.1.16.1.2 MaximumNumber <MaxNb>

Presence: [0..1]

Definition: Maximum number of retries.

Datatype: "Number" on page 2377

29.1.16.1.3 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 2368

CodeName	Name	Definition
DAYC	CalendarDay	Time unit is calendar day.
HOURL	Hour	Time unit is hour.
MINU	Minute	Time unit is minute.
MNTH	Month	Time unit is month.
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

29.1.16.2 ProcessTiming6

Definition: Parameters defining the timing conditions to process an action.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartTime <StartTm>	[0..1]	DateTime		2306
	EndTime <EndTm>	[0..1]	DateTime		2306
	Period <Prd>	[0..1]	Text		2306
	UnitOfTime <UnitOfTm>	[0..1]	CodeSet		2306

29.1.16.2.1 StartTime <StartTm>

Presence: [0..1]

Definition: Date and time to start the action.

Datatype: "ISODatetime" on page 2374

29.1.16.2.2 EndTime <EndTm>

Presence: [0..1]

Definition: Date and time after which the action cannot be processed.

Datatype: "ISODatetime" on page 2374

29.1.16.2.3 Period <Prd>

Presence: [0..1]

Definition: Period delay between cyclic action activation in months, days, hours and minutes, leading zeros could be omitted.

Datatype: "Max9NumericText" on page 2384

29.1.16.2.4 UnitOfTime <UnitOfTm>

Presence: [0..1]

Definition: Identification of the minimum unit of time used by time configuration parameters.

Datatype: "TimeUnit1Code" on page 2368

CodeName	Name	Definition
DAYC	CalendarDay	Time unit is calendar day.
HOUR	Hour	Time unit is hour.
MINU	Minute	Time unit is minute.
MNTH	Month	Time unit is month.
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

29.1.17 Token

29.1.17.1 Token1

Definition: Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2307
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2307
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2307
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2308
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2308
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2308

29.1.17.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2380

29.1.17.1.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "Exact4NumericText" on page 2378

29.1.17.1.3 TokenRequestorIdentification <TknRqstrld>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2379

29.1.17.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2380

29.1.17.1.5 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 2381

29.1.17.1.6 TokenInitiatedIndicator <TknInittndInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.17.2 CardPaymentToken5

Definition: Payment token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2308
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		2309
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2309
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2309
	TokenRequestor <TknRqstr>	[0..1]			2309
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2309
	RequestorIdentification <Rqstrld>	[1..1]	Text		2309
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2309
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2310
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2310
	TokenInitiatedIndicator <TknInittndInd>	[0..1]	Indicator		2310

29.1.17.2.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Min8Max28NumericText" on page 2385

29.1.17.2.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Identify a payment token inside a set of cards with the same PAN.

Datatype: "Min2Max3NumericText" on page 2385

29.1.17.2.3 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 2379

29.1.17.2.4 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 2382

29.1.17.2.5 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		2309
	RequestorIdentification <RqstrId>	[1..1]	Text		2309

29.1.17.2.5.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 2382

29.1.17.2.5.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 2382

29.1.17.2.6 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 2377

29.1.17.2.7 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 2315

29.1.17.2.8 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 2381

29.1.17.2.9 TokenInitiatedIndicator <TknInittldInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.1.17.3 MerchantToken2

Definition: Merchant token information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Token <Tkn>	[0..1]	Text		2310
	TokenExpiryDate <TknXpryDt>	[0..1]	Text		2311
	TokenCharacteristic <TknChrtc>	[0..*]	Text		2311
	TokenRequestor <TknRqstr>	[0..1]			2311
	ProviderIdentification <PrvdrlId>	[1..1]	Text		2311
	RequestorIdentification <RqstrId>	[1..1]	Text		2311
	TokenAssuranceLevel <TknAssrncLvl>	[0..1]	Quantity		2311
	TokenAssuranceData <TknAssrncData>	[0..1]	Binary		2311
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2312
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2312

29.1.17.3.1 Token <Tkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max35Text" on page 2382

29.1.17.3.2 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 2379

29.1.17.3.3 TokenCharacteristic <TknChrtc>

Presence: [0..*]

Definition: Additional payment token information.

Datatype: "Max35Text" on page 2382

29.1.17.3.4 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		2311
	RequestorIdentification <RqstrId>	[1..1]	Text		2311

29.1.17.3.4.1 ProviderIdentification <PrvdrId>

Presence: [1..1]

Definition: Identifier of the token provider.

Datatype: "Max35Text" on page 2382

29.1.17.3.4.2 RequestorIdentification <RqstrId>

Presence: [1..1]

Definition: Identifier of the token requestor.

Datatype: "Max35Text" on page 2382

29.1.17.3.5 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 2377

29.1.17.3.6 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Information about the identification and verification of the cardholder.

Datatype: "Max500Binary" on page 2315

29.1.17.3.7 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 2381

29.1.17.3.8 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 2376):

- *Meaning When True:* True
- *Meaning When False:* False

29.2 Message Datatypes

29.2.1 Amount

29.2.1.1 ActiveCurrencyAndAmount

Definition: A number of monetary units specified in an active currency where the unit of currency is explicit and compliant with ISO 4217.

Type: Amount

This data type contains the following XML attribute:

Name	Attribute XML Name	Datatype
Currency	Ccy	"ActiveCurrencyCode" on page 2316

Format

minInclusive	0
totalDigits	18
fractionDigits	5

Constraints

- **ActiveCurrency**
The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.
- **CurrencyAmount**
The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

29.2.1.2 ImpliedCurrencyAndAmount

Definition: Number of monetary units specified in a currency where the unit of currency is implied by the context and compliant with ISO 4217. The decimal separator is a dot.

Note: a zero amount is considered a positive amount.

Type: Amount

Format

minInclusive	0
totalDigits	18
fractionDigits	5

29.2.2 Binary

29.2.2.1 Max10000Binary

Definition: Specifies a binary string with a maximum length of 10000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	10000

29.2.2.2 Max100KBinary

Definition: Binary data of 100K maximum.

Type: Binary

Format

minLength	1
maxLength	102400

29.2.2.3 Max10KBinary

Definition: Binary data of 10K maximum.

Type: Binary

Format

minLength	1
maxLength	10240

29.2.2.4 Max140Binary

Definition: Specifies a binary string with a maximum length of 140 binary bytes.

Type: Binary

Format	
minLength	1
maxLength	140

29.2.2.5 Max2KBinary

Definition: Binary data of 2K maximum.
Type: Binary

Format	
minLength	1
maxLength	2048

29.2.2.6 Max2MBBinary

Definition: Binary data of 2MB maximum.
Type: Binary

Format	
minLength	1
maxLength	2097152

29.2.2.7 Max3000Binary

Definition: Specifies a binary string with a maximum length of 3000 binary bytes.
Type: Binary

Format	
minLength	1
maxLength	3000

29.2.2.8 Max35Binary

Definition: Specifies a binary string with a maximum length of 35 binary bytes.
Type: Binary

Format	
minLength	1
maxLength	35

29.2.2.9 Max5000Binary

Definition: Specifies a binary string with a maximum length of 5000 binary bytes.
Type: Binary

Format	
minLength	1
maxLength	5000

29.2.2.10 Max500Binary

Definition: Specifies a binary string with a maximum length of 500 binary bytes.

Type: Binary

Format	
minLength	1
maxLength	500

29.2.3 CodeSet

29.2.3.1 AccountChoiceMethod1Code

Definition: Method used by the cardholder and the terminal for the choice of the account.

Type: CodeSet

CodeName	Name	Definition
ACSL	AccountSelected	Account selected in an account list.
ENTR	Entered	Account identification is entered by the customer.
IMAC	ImplicitAccount	Account is selected according to the configuration.
IMPL	ImplicitType	Type of account is selected according to the configuration.
NOSL	NoSelection	Account is not selected by the customer or a profile, but by the issuer.
TPSL	TypeSelected	Type of account selected in a list.

29.2.3.2 ActionType15Code

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.).

CodeName	Name	Definition
PINL	PINLastTry	Last PIN (Personal Identification Number) try.
PINR	PINRetry	PIN (Personal Identification Number) is wrong, retry a PIN verification.
PRNT	PrintMessage	Print a message.
RFRL	Referral	Referral has to be performed.
RQDT	RequestData	Request additional data through a displayed text and request confirmation by an attendant.
DCCQ	AcceptCurrencyConversion	Ask the cardholder to accept the currency conversion.
FLFW	FallForward	Fall-forward from contactless to chip card transaction required.
PINQ	PINRequest	Request Cardholder Authentication through PIN insertion.
CDCV	ConsumerDeviceCardholderVerificationMethod	Request Cardholder Authentication according to the ConsumerDeviceCardholderVerification Method.
CHDA	CardholderAuthentication	Additional authentication of cardholder required.
STAR	StopAllRecurring	Recurring transactions is no more allowed for this card and for all merchants.
STOR	StopOneRecurring	Cardholder has revoked this recurring transaction for this merchant.
ACUP	AccountUpdate	Indicates that the account was updated and should be taken into account for future authorisation.
TALT	TryAgainLater	Indicates that the authorization should be resubmitted at a later time.
DNTA	DoNotTryAgain	Indicates that this account shouldn't be used anymore.
NCOF	CardOnFileNotSupported	Reference used to process the transaction has been created for this transaction and shouldn't be used for additional transactions.

29.2.3.3 ActiveCurrencyCode

Definition: A code allocated to a currency by a Maintenance Agency under an international identification scheme as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds".

Type: CodeSet

Format

pattern [A-Z]{3,3}

Constraints

• ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

29.2.3.4 ActiveOrHistoricCurrencyCode

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

• ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

29.2.3.5 AddressType2Code

Definition: Specifies the type of address.

Type: CodeSet

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

29.2.3.6 Algorithm26Code

Definition: Identification of a digest algorithm.

Type: CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).

CodeName	Name	Definition
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
SH33	SHA3-384	Message digest algorithm SHA3-384 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-384).
SH35	SHA3-512	Message digest algorithm SHA3-512 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-512).
SHK1	SHAKE128	Message digest algorithm SHAKE-128 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake128).
SHK2	SHAKE256	Message digest algorithm SHAKE-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-shake256).
SMS3	SM3	ShangMi 3 hash function as defined by ISO/IEC 10118-3:2018.

29.2.3.7 Algorithm27Code

Definition: Cryptographic algorithms for the MAC (Message Authentication Code).

Type: CodeSet

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6,

CodeName	Name	Definition
		2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-512 digest of the message.
CMA2	SHA256CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
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

CodeName	Name	Definition
		Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA2	CMACAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
CCA3	CMACAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
S34C	SM3SM4CBC	ShangMi 4 enciphering method used in CBC mode coupled with ShangMi 3 hash function.
S34R	SM3SM4CTR	ShangMi 4 enciphering method used in CTR mode coupled with ShangMi 3 hash function.

29.2.3.8 Algorithm28Code

Definition: Cryptographic algorithms for the protection of transported keys.

Type: CodeSet

CodeName	Name	Definition
EA2C	AES128CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DC	DES112CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with double length key (112 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) algorithm, as specified in ANSI X9.24-2009 Annex A.
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

CodeName	Name	Definition
		in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
E3DR	DES112CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with double length key (112 Bit) as defined in FIPS SP 800-38a.
E36C	DES168CBC	Triple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with triple length key (168 Bit) as defined in FIPS PUB 46-3 - (ASN.1 Object Identifier: des-ede3-cbc).
E36R	DES168CTR	Triple DES (Data Encryption Standard) CTR (Counter) encryption with triple length key (168 Bit) as defined in FIPS SP 800-38a.
SD5C	SDE056CBC	The DEPRECATED Simple DES (Data Encryption Standard) CBC (Chaining Block Cypher) encryption with simple length key (56 Bit) as defined in FIPS PUB 81 - (ASN.1 Object Identifier: des-cbc).
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 -

CodeName	Name	Definition
		November 6, 2001 - Advanced Encryption Standard).
SM4C	SM4CBC	ShangMi 4 enciphering method used in CBC mode.
SM4R	SM4CTR	ShangMi 4 enciphering method used in CTR mode.

29.2.3.9 Algorithm29Code

Definition: Cryptographic algorithms for digital signatures.

Type: CodeSet

CodeName	Name	Definition
ERS2	SHA256WithRSA	Signature algorithms with RSA, using SHA-256 digest algorithm - (ASN.1 Object Identifier: sha256WithRSAEncryption).
ERS1	SHA1WithRSA	The DEPRECATED Signature algorithms with RSA (PKCS #1 version 2.1), using SHA-1 digest algorithm - (ASN.1 Object Identifier: sha1WithRSAEncryption).
RPSS	RSASSA-PSS	Signature algorithm with Appendix, Probabilistic Signature Scheme (PKCS #1 version 2.1), - (ASN.1 Object Identifier: id-RSASSA-PSS).
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ED32	EcdsaSha3-256	Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
ED33	EcdsaSha3-384	Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ED35	EcdsaSha3-512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED23	EcdsaSha384	Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ED25	EcdsaSha512	Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES22	EcdsaSha256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
ES32	EcdsaSha3-256	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.

CodeName	Name	Definition
ES33	EcsdsaSha3-384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
ES35	EcsdsaSha3-512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ES23	EcsdsaSha384	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
ES25	EcsdsaSha512	Elliptic Curve Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
ED22	EcdsaSha256	Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF32	EcfdsaSha3-256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EF22	EcfdsaSha256	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EF33	EcfdsaSha3-384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF35	EcfdsaSha3-512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EF23	EcfdsaSha384	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO33	EcosdsaSha3-384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
EF25	EcfdsaSha512	Elliptic Curve Full Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
EO32	EcosdaSha3-256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
EO22	EcosdsaSha256	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
EO35	EcosdsaSha3-512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
EO23	EcosdsaSha384	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
EO25	EcosdsaSha512	Elliptic Curve Optimised Schnorr Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.

CodeName	Name	Definition
DD22	EddsaSha256	Edward Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
DD32	EddsaSha3-256	Edward Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
DD33	EddsaSha3-384	Edward Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
DD35	EddsaSha3-512	Edward Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
DD23	EddsaSha384	Edward Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
DD25	EddsaSha512	Edward Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
SM22	SM2Sha256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-256 Digest Algorithm.
SM33	SM2Sha3-384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-384 Digest Algorithm.
SM32	SM2Sha3-256	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-256 Digest Algorithm.
SM35	SM2Sha3-512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA3-512 Digest Algorithm.
SM23	SM2Sha384	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-384 Digest Algorithm.
SM25	SM2Sha512	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with SHA2-512 Digest Algorithm.
S2S3	SM2SM3	ShangMi2 Elliptic Curve Digital Signature Algorithm coupled with ShangMi3 Digest Algorithm.

29.2.3.10 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).

29.2.3.11 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).

29.2.3.12 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.

29.2.3.13 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.

29.2.3.14 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.

29.2.3.15 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).

29.2.3.16 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.

29.2.3.17 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.

29.2.3.18 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.

29.2.3.19 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.

29.2.3.20 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.

29.2.3.21 BusinessArea2Code

Definition: Specifies the business context of the transaction

Type: CodeSet

CodeName	Name	Definition
AIBD	ArtificialIntelligenceBasedDecision	The payment is initiated by an artificial intelligence based decision.
PPAY	PlainPayment	The card is used to perform a plain payment.
TKNF	TransitKnownFare	The card is used in a Transit business case where the fare amount is known when the transaction is initiated.
EOPT	EnergyOpenPayment	Indicates when the card is used in an energy business case where the amount could not be assessed when the transaction is initiated.
TOPT	TransitOpenPayment	Indicates when the card is used in a transit business case where the fare amount is not known when the transaction is initiated.

29.2.3.22 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.

29.2.3.23 CardAccountType3Code

Definition: Type of cardholder account used for the transaction.

Type: CodeSet

CodeName	Name	Definition
CTDP	CertificateOfDeposit	Certificate of deposit saving account.
CHCK	Checking	Checking account.
CRDT	CreditCard	Credit card account.
CURR	Current	Current account.
CDBT	DebitCard	Debit card account.

CodeName	Name	Definition
DFLT	Default	Default account.
EPRS	EpurseCard	Electronic purse card account.
HEQL	HomeEquityLoan	Home equity loan credit account.
ISTL	InstalmentLoan	Instalment loan credit account.
INVS	Investment	Investment account.
LCDT	LineOfCredit	Line of credit account.
MBNW	MobilePhoneAccount	Mobile Station Integrated Services Digital Network Number (MSISDN).
MNMK	MoneyMarket	Money market saving account.
MNMC	MoneyMarketChecking	Money market checking account.
MTGL	MortgageLoan	Mortgage loan credit account.
RTRM	RetirementAccount	Retirement account.
RVLV	RevolvingLoanAccount	Revolving loan account.
SVNG	Savings	Savings account.
STBD	StockOrBond	Stock or bond investment account.
UURL	Universal	Universal account.
PRPD	PrePaid	Pre-paid account.
FLTC	FleetCard	Fleet card account.

29.2.3.24 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.

29.2.3.25 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.)

29.2.3.26 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.

29.2.3.27 CardholderVerificationCapability4Code

Definition: Cardholder verification capabilities by the terminal.

Type: CodeSet

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account based digital signature.
CHDT	CardholderData	Cardholder authentication data.
MNSG	ManualSignature	Manual signature verification.
MNVR	ManualVerification	Other manual verification, for example passport or drivers license.
FBIG	OfflineBiographics	Offline biographics.
FBIO	OfflineBiometrics	Offline biometrics.
FDSG	OfflineDigitalSignature	Offline digital signature analysis.
FCPN	OfflinePINCLEAR	Offline PIN in clear (Personal Identification Number).
FEPN	OfflinePINEncrypted	Offline PIN encrypted (Personal Identification Number).
NPIN	OnLinePIN	Online PIN (Personal Identification Number).
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature.
SCEC	SecureElectronicCommerce	Three domain secure (three domain secure authentication of the cardholder).
NBIO	OnLineBiometrics	Online biometrics.
NOVF	NoCapabilities	No cardholder verification capability.
OTHR	Other	Other cardholder verification capabilities.

29.2.3.28 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.

29.2.3.29 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.

29.2.3.30 CardPaymentServiceType15Code

Definition: Additional attributes of the service provided by the card payment transaction.

Type: CodeSet

CodeName	Name	Definition
IRES	InitialReservation	Initial reservation.
URES	UpdateReservation	Update reservation.
PRES	PaymentReservation	Payment after reservation.
ARES	AdditionalPayment	Additional payment after reservation.
FREC	FirstRecurring	Initial recurring payment.
RREC	FollowingRecurring	Repeat recurring payment.

CodeName	Name	Definition
GOPT	GuaranteeOfPayment	Acceptor claims for guarantee of payment.
DFCL	DeferredClearing	DeferredClearing identifies transactions, like ones related to health care system, that allows a delay in clearing which ensure the payer to be refunded by a system, for example an insurance, before its bank account is debited.

29.2.3.31 CardPaymentServiceType16Code

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.
PPMS	POIPaymentMethodSelection	Used to inform the POI that it could select the payment instrument type to use.

29.2.3.32 CardPaymentServiceType9Code

Definition: Service provided by the card payment transaction, in addition to the main service.

Type: CodeSet

CodeName	Name	Definition
AGGR	Aggregation	Aggregation of low payments.
DCCV	DCC	Dynamic currency conversion (DCC).
GRTT	Gratuity	Card payment with gratuity.
LOYT	Loyalty	Loyalty services.
NRES	NoShow	No show after reservation.
PUCO	PurchaseCorporate	Purchase and corporate data.
RECP	RecurringPayment	Recurring payment.
SOAF	SolicitedAvailableFunds	Solicited available funds.
VCAU	VoiceAuthorisation	Voice authorisation.
INSI	IssuerInstalment	Instalment payment transaction performed by the card issuer.
INSA	AcceptorInstalment	Instalment payment transaction performed by the acceptor or the acquirer.
CSHB	CashBack	Card payment with cash-back.
INST	Instant	Instant transaction.
NRFD	NonRefundable	Payment of goods or services which are not refundable, for instance low cost airline tickets.

29.2.3.33 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.

29.2.3.34 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.

29.2.3.35 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).

29.2.3.36 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).

29.2.3.37 CryptographicKeyType3Code

Definition: Codes for qualifying the type of cryptographic keys.

Type: CodeSet

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

29.2.3.38 CurrencyConversionResponse3Code

Definition: Result of a requested currency conversion.

Type: CodeSet

CodeName	Name	Definition
ODCC	Allowed	Dynamic currency conversion may be offered to the cardholder.
DCCA	Assumed	Transaction authorised with dynamic currency conversion.
ICRD	InvalidCard	The card is not valid for dynamic currency conversion.
IMER	InvalidMerchant	The card acceptor has not been recognised.
IPRD	InvalidProduct	Dynamic currency conversion service cannot be offered for this card product.
IRAT	NoRate	Exchange rates are not available.
NDCC	NotAvailable	Dynamic currency conversion is not available for other reason.
REST	Restriction	Conversion accepted for the requested amount exclusively.
CATG	Catalogue	Conversion accepted for a range of amounts.

29.2.3.39 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.

29.2.3.40 DocumentType7Code

Definition: Specifies a type of financial or commercial document.

Type: CodeSet

CodeName	Name	Definition
JNRL	Journal	When the POI or the Sale System wants to store a message on the journal printer or electronic journal of the Sale Terminal (it is sometimes a Sale Logging/Journal Printer).
CRCP	CustomerReceipt	When the Sale System requires the POI system to print the Customer receipt.
HRCP	CashierReceipt	When the Sale system print the Cashier copy of the Payment receipt.
SRCP	SaleReceipt	When the Sale System requires the POI system to print the Sale receipt.
RPIN	RelatedPaymentInstruction	Document is a linked payment instruction to which the current payment instruction is related, for example, in a cover scenario.

CodeName	Name	Definition
VCHR	Voucher	Document is an electronic payment document.

29.2.3.41 EncryptionFormat2Code

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Type: CodeSet

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

29.2.3.42 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.

29.2.3.43 ExternalAccountIdentification1Code

Definition: Specifies the external account identification scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

29.2.3.44 ExternalCashAccountType1Code

Definition: Specifies the nature, or use, of the cash account in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

29.2.3.45 ExternalCategoryPurpose1Code

Definition: Specifies the category purpose, as published in an external category purpose code list.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

29.2.3.46 ExternalLocalInstrument1Code

Definition: Specifies the external local instrument code in the format of character string with a maximum length of 35 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	35

29.2.3.47 ExternalOrganisationIdentification1Code

Definition: Specifies the external organisation identification scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

29.2.3.48 ExternalPersonIdentification1Code

Definition: Specifies the external person identification scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

29.2.3.49 ExternalProxyAccountType1Code

Definition: Specifies the external proxy account type code, as published in the proxy account type external code set.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

29.2.3.50 ExternalServiceLevel1Code

Definition: Specifies the external service level code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

29.2.3.51 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.

29.2.3.52 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.

CodeName	Name	Definition
QURT	Quarterly	Event takes place every three months or four times a year.
MIAN	SemiAnnual	Event takes place every six months or two times a year.
WEEK	Weekly	Event takes place once a week.
DAIL	Daily	Event takes place every day.
TEND	TenDays	Event takes place every ten business days.

29.2.3.53 GracePeriodUnitType1Code

Definition: Contains the details of the grace period applicable to the instalment.

Type: CodeSet

CodeName	Name	Definition
WEKS	Weeks	Grace period weeks.
PMTS	Payments	Grace period payments.
OTHP	OtherPrivate	Other Private Grace period.
OTHN	OtherNational	Other National Grace period.
MNTH	Months	Grace period months.
DAYS	Days	Grace period days.

29.2.3.54 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	Information is related to an error situation occurring on the message sender.
INPT	Input	Answer to a question or information to be entered by the Cashier or the Customer, at the request of the POI Terminal or the Sale Terminal.

CodeName	Name	Definition
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
RCPT	Receipt	Where you print the Payment receipt that could be located on the Sale System or in some cases a restricted Sale ticket on the POI Terminal.
SOND	Sound	Standard sound interface.
STAT	Status	Information is a new state on which the message sender is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
VCHR	Voucher	Coupons, voucher or special ticket generated by the POI or the Sale System and to be printed.

29.2.3.55 InstalmentAmountDetailsType1Code

Definition: Contains the details of the grace period applicable to the instalment.

Type: CodeSet

CodeName	Name	Definition
TAXX	Tax	Instalment amount tax
RQST	Requested	Requested amount
OTHP	OtherPrivate	Grace period unit type
OTHN	OtherNational	Grace period unit type
OTHC	OtherCharges	Other amounts
INSU	Insurance	Insurance amount
FUNA	Funded	Funded amount
FEES	Fees	Fees amount
EXPN	Expense	Expense Amount
AFCO	AnnualFinancingCost	Total financing cost per annum.

29.2.3.56 InstalmentPeriod1Code

Definition: Instalment period.

Type: CodeSet

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

29.2.3.57 InstalmentPlan1Code

Definition: Type of instalment plan.

Type: CodeSet

CodeName	Name	Definition
EQPM	EqualPayment	The payment is split in several instalments of equal amounts.
NQPM	InequalPayment	The payment is split in several instalments of different amounts.
DFRI	DeferredInstalment	The first instalment is deferred.

29.2.3.58 InterestRate1Code

Definition: Contains the list of interest rates.

Type: CodeSet

CodeName	Name	Definition
GSRT	GrossRate	Gross interest rate of the instalment
NTRT	NetRate	Net interest rate of the instalment
OTHN	OtherNational	Other interest rate of the instalment
OTHP	OtherPrivate	Other interest rate of the instalment

29.2.3.59 ISO3NumericCountryCode

Definition: Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Numeric-3 code). The code is checked against the list of country names coded with three digit characters, defined in the standard.

Type: CodeSet

Format

pattern [0-9]{3,3}

29.2.3.60 KeyUsage1Code

Definition: Allowed usages of the key.

Type: CodeSet

CodeName	Name	Definition
ENCR	Encryption	Key may encrypt.
DCPT	Decryption	Key may decrypt.
DENC	DataEncryption	Key may encrypt data.
DDEC	DataDecryption	Key may decrypt data.
TRNI	TranslateInput	Key may encrypt information before translation.
TRNX	TranslateOutput	Key may encrypt information after translation.
MACG	MessageAuthenticationCodeGeneration	Key may generate message authentication codes (MAC).

CodeName	Name	Definition
MACV	MessageAuthenticationCodeVerification	Key may verify message authentication codes (MAC).
SIGG	SignatureGeneration	Key may generate digital signatures.
SUGV	SignatureVerification	Key may verify digital signatures.
PINE	PINEncryption	Key may encrypt personal identification numbers (PIN).
PIND	PINDecryption	Key may decrypt personal identification numbers (PIN).
PINV	PINVerification	Key may verify personal identification numbers (PIN).
KEYG	KeyGeneration	Key may generate keys.
KEYI	KeyImport	Key may import keys.
KEYX	KeyExport	Key may export keys.
KEYD	KeyDerivation	Key may derive keys.

29.2.3.61 LanguageCode

Definition: Specifies a language.

Type: CodeSet

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

29.2.3.62 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.

29.2.3.63 LocationCategory4Code

Definition: Indicates the type of integration of the POI terminal in the sale environment.

Type: CodeSet

CodeName	Name	Definition
ABRD	Aboard	Aboard is used when the sale is done in a vehicle (e.g a bus, train, ship, airplane, taxi, etc).
NMDC	Nomadic	Nomadic is used when the merchant is traveling to different locations (e.g fair or sport events, home delivery, food truck).
FIXD	PhysicalShop	Fixed location, for example in a shop.
VIRT	VirtualShop	Virtual Shop is used for any ecommerce solution.

29.2.3.64 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.

29.2.3.65 LoyaltyTypeTransactionTotals1Code

Definition: Type of Loyalty transaction.

Type: CodeSet

CodeName	Name	Definition
AWRD	Award	Direct or payment related award on a loyalty account. Award alone, award associated to a payment (may be with an

CodeName	Name	Definition
		additional award alone), award because of a payment resulting on rebates.
REBA	Rebate	Rebate on a total amount, sale item amount, or sale items.
REDE	Redemption	Redemption on a loyalty account.
AWRR	ReverseAward	Refund of a loyalty award transaction.
REBR	ReverseRebate	Refund of a loyalty rebate transaction.
REDR	ReverseRedemption	Refund of a loyalty redemption transaction.

29.2.3.66 MemoryUnit1Code

Definition: Unit of the memory size.

Type: CodeSet

CodeName	Name	Definition
BYTE	Byte	Byte.
EXAB	ExaByte	Exa byte.
GIGA	GigaByte	Giga byte.
KILO	KiloByte	Kilo byte.
MEGA	MegaByte	Mega byte.
PETA	PetaByte	Peta byte.
TERA	TeraByte	Tera byte.

29.2.3.67 MessageFunction46Code

Definition: Type of message supporting a service.

Type: CodeSet

CodeName	Name	Definition
AUTQ	AuthorisationRequest	The initiator requests an authorisation without financial impact to complete the transaction.
AUTP	AuthorisationResponse	Response for authorisation without financial capture.
CCAV	CancellationAdvice	Advice for cancellation.
CCAK	CancellationAdviceResponse	Advice response for cancellation.
CCAQ	CancellationRequest	Request for cancellation.
CCAP	CancellationResponse	Response for cancellation.
CMPV	CompletionAdvice	Advice for completion without financial capture.
CMPK	CompletionAdviceResponse	Advice response for completion without financial capture.
DCAV	CurrencyConversionAdvice	Advice for dynamic currency conversion.

CodeName	Name	Definition
DCRR	CurrencyConversionAdviceResponse	Advice response for the currency conversion from the service provider to the acceptor.
DCCQ	CurrencyConversionRequest	Request for dynamic currency conversion.
DCCP	CurrencyConversionResponse	Response from a dynamic currency conversion.
DGNP	DiagnosticRequest	Request for diagnostic.
DGNQ	DiagnosticResponse	Response for diagnostic.
FAUQ	FinancialAuthorisationRequest	Request for authorisation with financial capture.
FAUP	FinancialAuthorisationResponse	Response for authorisation with financial capture.
FCMV	FinancialCompletionAdvice	Advice for completion with financial capture.
FCMK	FinancialCompletionAdviceResponse	Advice response for completion with financial capture.
FRVA	FinancialReversalAdvice	Advice for reversal with financial capture.
FRVR	FinancialReversalAdviceResponse	Advice response for reversal with financial capture.
RCLQ	ReconciliationRequest	Request for reconciliation.
RCLP	ReconciliationResponse	Response for reconciliation.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVRR	ReversalAdviceResponse	Advice response for reversal without financial capture.
CDDQ	CardDebitAdvice	Advice for a Card Direct Debit.
CDDK	CardDebitAdviceResponse	Response to a Card Direct Debit Advice.
CDDR	CardDebitRequest	Request to initiate a Card Direct Debit.
CDDP	CardDebitResponse	Response to a Card Direct Debit Request.
TRNR	TransactionAdviceResponse	Response to a transaction advice.
TRNA	TransactionAdvice	Advise of the transaction's processing.
NFRQ	NonFinancialRequest	Initiator of the message requests additional information to the receiver.
NFRP	NonFinancialResponse	Provision of additional information to the issuer of a NonFinancialRequest.
TRPQ	TransactionReportRequest	Request to receive of a report of transaction from the issuer to the receiver.
TRPP	TransactionReportResponse	Response to provide a sanitized report of transactions.
DCRQ	CurrencyConversionRateRequest	Request to receive catalogue of Currency Conversion rates.

CodeName	Name	Definition
DCRP	CurrencyConversionRateResponse	Response with catalogue of Currency Conversion rates.

29.2.3.68 MessageFunction9Code

Definition: Identifies the message function within a card payment exchange.

Type: CodeSet

CodeName	Name	Definition
RJCQ	AcceptorRequestReject	Reject of a request or an advice message by an acquirer or an agent.
RJCP	AcceptorResponseReject	Reject of a response or an advice response message by a card acceptor or an agent.

29.2.3.69 NamePrefix2Code

Definition: Specifies the terms used to formally address a person.

Type: CodeSet

CodeName	Name	Definition
DOCT	Doctor	Title of the person is Doctor or Dr.
MADM	Madam	Title of the person is Madam.
MISS	Miss	Title of the person is Miss.
MIST	Mister	Title of the person is Mister or Mr.
MIKS	GenderNeutral	Title of the person is gender neutral (Mx).

29.2.3.70 NetworkType1Code

Definition: Type of communication network.

Type: CodeSet

CodeName	Name	Definition
IPNW	InternetProtocol	Protocol of an IP network.
PSTN	PublicTelephone	Protocol of a Public Switched Telephone Network (PSTN).

29.2.3.71 NonFinancialRequestType2Code

Definition: Type of non financial request that could be processed between an Acceptor and an Intermediary Agent or an Acquirer.

Type: CodeSet

CodeName	Name	Definition
ACQR	AcquirerSelection	According to several parameters of a transaction, an Intermediary Agent helps

CodeName	Name	Definition
		an Acceptor to identify the more relevant Acquirer to process the transaction.
PARQ	ParRequest	The Intermediary Agent or Acquirer provides the PaymentAccountReference to use to process the transaction.
RISK	RiskManagement	The Intermediary Agent or Acquirer helps the Acceptor to assess the risk management of the transaction.
TOKN	TokenRequest	The Intermediary Agent or Acquirer provides the token to use to process the transaction.
ADDR	AdditionalRequest	Indicates a request which implies to receive additional information.
INSM	InstalmentPlanRequest	Request to receive acquirer instalment plans.

29.2.3.72 NonFinancialResponseRisk1Code

Definition: Type of risk management answer from an Acquirer (or its IntermediaryAgent) to aPOI through a NonFinancialResponse.

Type: CodeSet

CodeName	Name	Definition
DECL	Decline	A decline of the transaction is expected by the POI to manage risk.
NCHG	LocallyManaged	The POI is able to assess the risk by himself.
ONLN	RequestOnline	An authorisation is expected from the POI to manage risk.

29.2.3.73 OnLineCapability1Code

Definition: On-line and off-line capabilities of the POI (Point Of Interaction).

Type: CodeSet

CodeName	Name	Definition
OFLN	OffLine	Off-line only capable.
ONLN	OnLine	On-line only capable.
SMON	SemiOffLine	Off-line capable with possible on-line requests to the acquirer.

29.2.3.74 OnLineReason2Code

Definition: Reason to process an online authorisation.

Type: CodeSet

CodeName	Name	Definition
RNDM	RandomSelection	Transaction random selection to go online.

CodeName	Name	Definition
ICCF	ICCForced	Payment application in the Integrated Circuit Card forces to go on-line.
MERF	MerchantForced	On line forced by card acceptor.
TRMF	TerminalForced	Terminal random selection to go online.
ISSF	IssuerForced	On line forced by card issuer.
FRLT	FloorLimit	Over floor limit.
EXFL	ExceptionFile	Card appears on terminal exception file.
TAMT	TotalAmount	Total amount of purchases per cardholder and per application above floor limit.
CBIN	ControlledBIN	Bank Identification Number under control.
UBIN	UnknownBIN	Unknown Bank Identification Number.
CPAN	ControlledPAN	Primary account number (card number) under control.
FLOW	FlowControl	Flow control.
CRCY	UnavailableCurrency	Unknown currency code or foreign currency.
IFPR	IssuerForcedPINRequest	Request Cardholder Authentication through PIN insertion

29.2.3.75 Operator1Code

Definition: Code containing the operator used to indicate the relationship between a variable and a fixed value.

Type: CodeSet

CodeName	Name	Definition
SMAL	SmallerThan	Smaller than.
SMEQ	SmallerOrEqualTo	Smaller or equal to.
GREA	GreaterThan	Greater than.
GREQ	GreaterOrEqualTo	Greater or equal to.
EQAL	EqualTo	Equal to.

29.2.3.76 OutputFormat1Code

Definition: Message format.

Type: CodeSet

CodeName	Name	Definition
MREF	MessageReference	Predefined configured messages, identified by a reference.
TEXT	SimpleText	Text without format attributes.

CodeName	Name	Definition
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

29.2.3.77 OutputFormat3Code

Definition: Type of output format.

Type: CodeSet

CodeName	Name	Definition
BARC	Barcode	Barcode to output in several possible format.
MENT	MenuEntry	A text to display as a menu before requesting an input.
MREF	MessageReference	Predefined configured messages, identified by a reference.
SREF	ScreenReference	Screen to display identified by a reference.
TEXT	SimpleText	Text without format attributes.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

29.2.3.78 PartyType14Code

Definition: Identification of the type of entity involved in a transaction.

Type: CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
ICCA	CardApplication	Application in the smart card.

29.2.3.79 PartyType33Code

Definition: Identification of the type of entity involved in a transaction.

Type: CodeSet

CodeName	Name	Definition
OPOI	OriginatingPOI	Point Of Interaction initiating the card payment transaction.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
MTMG	MasterTerminalManager	Responsible for the maintenance of a card payment acceptance terminal.
TAXH	TaxAuthority	Tax authority.
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.

29.2.3.80 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.

29.2.3.81 PartyType4Code

Definition: Entity assigning an identification (for example merchant, acceptor, acquirer, tax authority, etc.).

Type: CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
TAXH	TaxAuthority	Tax authority.

29.2.3.82 PartyType7Code

Definition: Party that communicate with a POI component (Point of Interaction), using a communication device.

Type: CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ITAG	IntermediaryAgent	Party acting on behalf of other parties to process or forward data to other parties.
PCPT	POIComponent	Party component of a POI system or POI terminal (Point of Interaction).
TMGT	TerminalManager	Responsible for one or several maintenance functions of a card payment acceptance terminal.
SALE	SaleSystem	Party selling goods and services.

29.2.3.83 PaymentInstrumentType2Code

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.
DRDT	DirectDebit	Payment, initiated by the creditor, to debit a debtor's account in favour of the creditor. A direct debit can be pre-authorised or not. In most countries,

CodeName	Name	Definition
		authorisation is in the form of a mandate between the debtor and creditor.
CRTF	CreditTransfer	Payment made by transferring an amount of money from a debtor to a creditor. The payment flows through one or more financial institutions or systems.
VCHR	PaymentVoucher	Bond of the redeemable transaction type which is worth a certain monetary value and which may be spent only for specific reasons or on specific goods.

29.2.3.84 PINFormat3Code

Definition: PIN (Personal Identification Number) format used before encryption.

Type: CodeSet

CodeName	Name	Definition
ISO0	ISO0	PIN diversified with the card account number, conforming to the standard ISO 9564-2.
ISO1	ISO1	PIN completed with random padding characters, conforming to the standard ISO 9564-2.
ISO2	ISO2	PIN without diversification characters, conforming to the standard ISO 9564-2.
ISO3	ISO3	PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.
ISO4	ISO4	PIN format used with AES encryption, conforming to the new ISO SC2 format.
ISO5	ISO5	Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.

29.2.3.85 PlanOwner1Code

Definition: Contains list of plan owners

Type: CodeSet

CodeName	Name	Definition
ACCP	Acceptor	Plan owner is an acceptor.
ACQR	Acquirer	Plan owner is an acquirer.
ISSR	Issuer	Plan owner is an issuer.
OTHN	OtherNational	plan owner type is other national.
OTHP	OtherPrivate	plan owner type is other private.

29.2.3.86 POICommunicationType2Code

Definition: Low level communication of the hardware or software component toward another component or an external entity.

Type: CodeSet

CodeName	Name	Definition
BLTH	Bluetooth	Communication with a host using Bluetooth.
ETHR	Ethernet	Ethernet port to communicate.
GPRS	GPRS	Communication with a host using GPRS.
GSMF	GSM	Communication with a host using GSM.
PSTN	PSTN	Communication with a host using Public Switching Telephone Network.
RS23	RS232	Serial port to communicate.
USBD	USBDevice	Communication with a USB stick or any USB device.
USBH	USBHost	Communication with a host from an USB port.
WIFI	Wifi	Wifi communication with another component.
WT2G	WirelessTechnology2G	Includes all communication technologies which can be qualified as being part of the 2G technology (e.g EDGE or PDC).
WT3G	WirelessTechnology3G	Includes all communication technologies which can be qualified as being part of the 3G technology.
WT4G	WirelessTechnology4G	Includes all communication technologies which can be qualified as being part of the 4G technology.
WT5G	WirelessTechnology5G	Includes all communication technologies which can be qualified as being part of the 5G technology.

29.2.3.87 POIComponentAssessment1Code

Definition: Type of assessment of a POI component (Point of Interaction).

Type: CodeSet

CodeName	Name	Definition
APPL	Approval	Approval number delivered by an approval centre.
CERT	Certification	Certification number delivered by a certification body.
EVAL	Evaluation	Evaluation by a lab or a tool.

29.2.3.88 POIComponentStatus1Code

Definition: Status of a component belonging to a POI Terminal (Point of Interaction).

Type: CodeSet

CodeName	Name	Definition
WAIT	WaitingActivation	Component not yet activated.
OUTD	OutOfOrder	Component not working properly.
OPER	InOperation	Component activated and in operation.
DACT	Deactivated	Component has been deactivated.

29.2.3.89 POIComponentType7Code

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.

CodeName	Name	Definition
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.
PROB	Probe	Probe used to monitor a feature on the POI.

29.2.3.90 PreferredContactMethod2Code

Definition: Preferred method used to reach the individual contact within an organisation.

Type: CodeSet

CodeName	Name	Definition
MAIL	Email	Preferred method used to reach the contact is per email.
FAXX	Fax	Preferred method used to reach the contact is per fax.
LETT	Letter	Preferred method used to reach the contact is per letter.
CELL	MobileOrCellPhone	Preferred method used to reach the contact is per mobile or cell phone.
ONLI	Online	Preferred method used to reach the contact is online.
PHON	Phone	Preferred method used to reach the contact is per phone.

29.2.3.91 Priority2Code

Definition: Specifies the priority level of an event.

Type: CodeSet

CodeName	Name	Definition
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

29.2.3.92 QRCodeEncodingMode1Code

Definition: Encoding Mode of Quick Response Code.

Type: CodeSet

CodeName	Name	Definition
ALFA	Alphanumeric	Alphanumeric value provided in Barcode field.
BINA	Binary	Binary value provided in Quick Response Code Binary Value.
KANJ	Kanji	Kanji value provided in Quick Response Code Binary Value.
NUME	Numeric	Numeric value provided in Barcode field.

29.2.3.93 QRCodeErrorCorrection1Code

Definition: Error Correction mode of Quick Response Code.

Type: CodeSet

CodeName	Name	Definition
M015	ErrorCorrection15Percent	Reed-Solomon error correction 15%
Q025	ErrorCorrection25Percent	Reed-Solomon error correction 25%
H030	ErrorCorrection30Percent	Reed-Solomon error correction 30%
L007	ErrorCorrection7Percent	Reed-Solomon error correction 7%

29.2.3.94 RejectReason1Code

Definition: Reason of transmission of a rejection message in response to a request or an advice.

Type: CodeSet

CodeName	Name	Definition
UNPR	UnableToProcess	Not possible to process the message, for instance the security module is unavailable, the hardware is unavailable, or there is a problem of resource.
IMSG	InvalidMessage	Invalid envelope of the message.
PARS	ParsingError	Invalid message: At least one of the data element or data structure is not present, the format, or the content of one data element or one data structure is not correct.
SECU	Security	Security error (for example an invalid key or an incorrect MAC value).
INTP	InitiatingParty	Invalid identification data for the sender.
RCPD	RecipientParty	Invalid identification data for the the receiver.
DPMG	DuplicateMessage	Duplicate message, the identification of the exchange is the same than a previous message.
VERS	ProtocolVersion	Version of the protocol couldn't be supported by the recipient.

CodeName	Name	Definition
MSGT	MessageType	Type of message the recipient receives is unknow or unsupported.

29.2.3.95 Response11Code

Definition: Result of the processing of the message

Type: CodeSet

CodeName	Name	Definition
WARN	Warning	An additional Response Code, mainly a functional one, should be considered to identify the outcome of the request.
FAIL	Failure	Processing of the request fails for various reasons. Some further processing according to the type of requested service, the context of the process, and some additional precision about the failure notified in the ErrorCondition data element.
SUCC	Success	Processing OK. Information related to the result of the processing is contained in other parts of the response message.

29.2.3.96 Response1Code

Definition: Response code of a transaction.

Type: CodeSet

CodeName	Name	Definition
DECL	Declined	Service is declined.
APPR	Approved	Service has been successfully provided.
PART	PartialApproved	Service has been partialy provided.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.2.3.97 Response9Code

Definition: Result of the performed service.

Type: CodeSet

CodeName	Name	Definition
APPR	Approved	Service has been successfully provided.
DECL	Declined	Service is declined.
PART	PartialApproved	Service has been partialy provided.
SUSP	Suspended	Transaction has been received but hasn't been processed.

CodeName	Name	Definition
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

29.2.3.98 RetailerResultDetail1Code

Definition: Result of the processing of the message

Type: CodeSet

CodeName	Name	Definition
ABRT	Aborted	The Initiator of the request has sent an Abort message request, which was accepted and processed.
BUSY	Busy	The system is busy, try later.
CANC	Cancel	The user has aborted the transaction on the PED keyboard, for instance during PIN entering.
DEVO	DeviceOut	Device out of order.
WPIN	WrongPIN	The user has entered the PIN on the PED keyboard and the verification fails.
NHOS	UnreachableHost	Acquirer or any host is unreachable or has not answered to an online request, so is considered as temporary unavailable. Depending on the Sale context, the request could be repeated (to be compared with "Refusal").
UNVS	UnavailableService	The service is not available (not implemented, not configured, protocol version too old...).
UNVD	UnavailableDevice	The hardware is not available (absent, not configured...).
REFU	Refusal	The transaction is refused by the host or by the local rules associated to the card or the POI.
PAYR	PaymentRestriction	Some sale items are not payable by the card proposed by the Customer.
TNFD	NotFound	The transaction is not found (e.g. for a reversal or a repeat).
NALW	NotAllowed	A service request is sent during a Service dialogue. A combination of services not possible to provide. During the DeviceInitialisationCardReader message processing, the user has entered a card which has to be protected by the POI, and cannot be processed with this device request from the external, and then the Sale System.
LOUT	LoggedOut	Not logged in.
IVCA	InvalidCard	The card entered by the Customer cannot be processed by the POI

CodeName	Name	Definition
		because this card is not configured in the system.
ICAR	InsertedCard	If the Input Device request a NotifyCardInputFlag and the Customer enters a card in the card reader without answers to the Input command, the POI abort the Input command processing, and answer a dedicated ErrorCondition value in the Input response message.
WIPG	InProgress	The transaction is still in progress and then the command cannot be processed.

29.2.3.99 RetailerService3Code

Definition: List of specific services for ServiceResponse.

Type: CodeSet

CodeName	Name	Definition
FSPP	FinancialPaymentResponse	The POI System sends a response to a payment request (Purchase/refund/PWCB/MOTO Payment/...).
FSRP	FinancialReversalResponse	The POI System sends a response to a reversal request.
FSIP	FinancialBalanceInquiryResponse	The POI System sends a response to a Balance Inquiry request.
FSBP	FinancialBatchResponse	The POI System sends a response to a batch processing request.
FSLP	FinancialLoyaltyResponse	The POI System sends a response to a loyalty processing request.
FSVP	FinancialStoredValueResponse	The POI System sends a response to a stored value card or account request.
FSEP	FinancialEnableServiceResponse	The POI System sends a response after enabling or not some service.
FSAP	FinancialCardAcquisitionResponse	The POI System sends a response to a card data acquisition request.
FSCP	FinancialReconciliationResponse	The POI System sends a response to a reconciliation request.

29.2.3.100 RetailerService6Code

Definition: List of specific services for ReportRequest.

Type: CodeSet

CodeName	Name	Definition
RPTQ	AdministrativeReportTransactionRequest	The Sale System requests to the POI System a report on a list of transactions.
RPAQ	AdministrativeReportGetTotalsRequest	The Sale System requests to the POI System a report on the totals figures of the POI system.

29.2.3.101 RetailerService7Code

Definition: List of specific services for ReportResponse.

Type: CodeSet

CodeName	Name	Definition
RPTP	AdministrativeReportTransactionResponse	The POI System responds to a transaction report request.
RPAP	AdministrativeReportGetTotalsResponse	The POI System responds to a totals figures request.

29.2.3.102 SaleCapabilities1Code

Definition: Hardware capabilities of the Sale Terminal.

Type: CodeSet

CodeName	Name	Definition
CHDI	CashierDisplay	Standard Cashier display interface (to ask question, or to show information).
CHER	CashierError	To display to the Cashier information related to an error situation occurring on the POI.
CHIN	CashierInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.
CHST	CashierStatus	To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.
CUDI	CustomerDisplay	Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.
CUAS	CustomerAssistance	Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.
CUER	CustomerError	To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.
CUIN	CustomerInput	Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).
POIR	POIReplication	Information displayed on the Cardholder POI interface, replicated on the Cashier interface.
PRDC	PrinterDocument	When the POI System wants to print specific document (check, dynamic currency conversion ...).

CodeName	Name	Definition
PRRP	PrinterReceipt	Printer for the Payment receipt.
PRVC	PrinterVoucher	Coupons, voucher or special ticket generated by the POI and to be printed.

29.2.3.103 SaleTokenScope1Code

Definition: Scope of the token that identifies the payment mean of the customer.

Type: CodeSet

CodeName	Name	Definition
MULT	MultipleUse	The token is generated to recognise a customer for a longer period.
SNGL	SingleUse	The token is generated to recognise a customer during the lifetime of a transaction.

29.2.3.104 StoredValueAccountType1Code

Definition: Type of stored value account.

Type: CodeSet

CodeName	Name	Definition
BNKA	BankPrepaidAccount	Prepaid account managed by a financial institution for low income customers.
CWVC	CarwashVoucher	Car wash specific account.
CPYA	CompanyPrepaidAccount	Specific prepaid account for companies or professionals expenses.
ELMY	ElectronicMoneyAccount	Account supporting e-money issued by an electronic money issuer.
GIFT	GiftCard	Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.
GCER	GiftCertificate	Certificate to be given to a customer. Usually one shot voucher.
MLVC	MealVoucher	Meal and check voucher for restaurants.
OLVC	OnlineVoucher	Voucher that can be used online once or in several times.
MERC	MerchantAccount	Prepaid account open with a merchant or big retailers.
OTHR	OtherPrepaidAccount	Other non listed stored value instrument.
PHON	PhoneCard	Stored value instrument used to pay telephone services (e.g. card or identifier).
CARD	SmartCardTag	Stored value account hold on the chip of a smart card.
TRVL	Travel	Travel prepaid account.

29.2.3.105 StoredValueTransactionType3Code

Definition: Identification of operation to proceed on the stored value account or the stored value card.

Type: CodeSet

CodeName	Name	Definition
ACTV	Activate	Activate the account or the card.
DUPL	Duplicate	Duplicate the code or number provided by the loading or activation.
LOAD	Load	Load the account or the card with money.
RESV	Reserve	Reserve the account (e.g. get an activation code).
REVS	Reverse	Reverse an activation or loading.
ULOA	Unload	Unload the account.
CLOS	CloseAccount	Close the account.
DCTV	Deactivate	Deactivate the account or the card.
OPEN	OpenAccount	Open the account.
BALC	Balance	Balance enquiry.

29.2.3.106 SupportedPaymentOption2Code

Definition: Specifies the options supported for a payment transaction.

Type: CodeSet

CodeName	Name	Definition
PART	PartialApproval	The entity supports a partial approval of the payment transaction.
MSRV	PaymentApprovalOnly	The entity supports the approval of the payment service along with the decline of additional requested services (as cash-back).
INSI	IssuerInstalment	The sender support IssuerInstalment proposals to the Cardholder.
PINQ	PINRequest	The sender is able to support Single Tap transaction.

29.2.3.107 TimeUnit1Code

Definition: Unit of time associated with the contract.

Type: CodeSet

CodeName	Name	Definition
DAYC	CalendarDay	Time unit is calendar day.
HOURL	Hour	Time unit is hour.
MINU	Minute	Time unit is minute.
MNTH	Month	Time unit is month.

CodeName	Name	Definition
SECO	Second	Time unit is second.
WEEK	Week	Time unit is week.
YEAR	Year	Time unit is year.

29.2.3.108 TMSContactLevel1Code

Definition: Level of urgency in contacting the terminal management system.

Type: CodeSet

CodeName	Name	Definition
CRIT	Critical	Terminal management system has to be contacted before the next transaction.
ASAP	AsSoonAsPossible	Terminal management system has to be contacted as soon as possible (for example after reconciliation).
DTIM	DateTime	Terminal management system has to be contacted at the date and time provided.

29.2.3.109 TotalDetails1Code

Definition: Indicates the hierarchical structure of the reconciliation result of the Sale to POI reconciliation.

Type: CodeSet

CodeName	Name	Definition
OPID	PerCashierIdentification	Give the totals result per Operator Identification value.
PIID	PerPOIIdentification	Give the totals result per POI Identification value.
TGID	PerTotalsGroup	Give the totals result per Totals Group Identification value.
SNID	PerShiftNumber	Give the totals result per Shift Number Identification value.
SAID	PerSaleIdentification	Give the totals result per Sale Identification value.

29.2.3.110 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.

CodeName	Name	Definition
E13B	E13BCheckFormat	Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.
ISOF	ISOFormat	ISO card track format - ISO 7813 - ISO 4909.
JIS1	JISIFormat	Japanese track format I.
JIS2	JISIIFormat	Japanese track format II.

29.2.3.111 TransactionChannel5Code

Definition: Identifies the type of the communication channels used by the cardholder to the acceptor system.

Type: CodeSet

CodeName	Name	Definition
MAIL	MailOrder	Mail order.
TLPH	TelephoneOrder	Telephone order.
ECOM	ElectronicCommerce	Electronic commerce.
TVPY	TelevisionPayment	Payment on television.
SECM	SecuredElectronicCommerce	Electronic commerce with cardholder authentication.
MOBL	MobilePayment	Payment performed through a cardholder mobile device.
MPOS	MobilePOS	Payment performed through a merchant mobile device.

29.2.3.112 TransactionEnvironment1Code

Definition: Indicates the environment of the transaction.

Type: CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant environment.
PRIV	Private	Private environment.
PUBL	Public	Public environment.

29.2.3.113 TypeOfAmount8Code

Definition: Qualifies the amount associated with the transaction.

Type: CodeSet

CodeName	Name	Definition
ACTL	Actual	Actual amount.
ESTM	Estimated	Estimated amount (the final amount could be above or below).

CodeName	Name	Definition
MAXI	Maximum	Maximum amount (the final amount must be less or equal).
DFLT	Default	Default amount.
RPLT	Replacement	Replacement amount.
INCR	Incremental	Incremental amount for reservation.
DECR	Decremental	Decremental amount for reservation.
RESD	Reserved	Reserved or updated reserved amount for reservation.

29.2.3.114 TypeTransactionTotals2Code

Definition: Identification of the type of transactions which are included in the totals.

Type: CodeSet

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.

29.2.3.115 TypeTransactionTotals3Code

Definition: Additional attribute of the service type for totals.

Type: CodeSet

CodeName	Name	Definition
CRDT	Credit	Credit transactions (refund, account, cash service, as defined in the transaction service type).
CRDR	CreditReverse	Reversal of credit transactions (cancellation).
DEBT	Debit	Debit transactions on the cardholder account.
DBTR	DebitReverse	Reversal of debit transactions (cancellation).
DECL	Declined	Declined transactions.
FAIL	Failed	Failed transactions.
RESV	Reservation	Outstanding Reservation transactions.

29.2.3.116 UnitOfMeasure6Code

Definition: Unit of measure of the item purchased.

Type: CodeSet

CodeName	Name	Definition
PIEC	Piece	Standard length of cloth, wallpaper, as an item for sale or amount of a substance.
TONS	Ton	Measure of weight, in Britain 2240lb (long ton)and in the US 2000lb (short ton).
FOOT	Foot	Unit of length equal to 1/3 yard.
GBGA	GBGallon	Unit of volume that is equal to 8 pints.
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.

CodeName	Name	Definition
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.
KWHO	KilowattHours	Unit of measure that is equal to the power consumption of one kilowatt during one hour.
DGEU	DieselGallonEquivalent	Amount of fuel alternative equal to one gallon of diesel.
GGEU	GasolineGallonEquivalent	Amount of fuel alternative equal to one gallon of gasoline.

29.2.3.117 UserInterface4Code

Definition: Destination of the message.

Type: CodeSet

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.
CRDO	OtherCardholderInterface	Other interface of the cardholder, for instance e-mail or smartphone message.

29.2.3.118 Verification1Code

Definition: Result of the verification.

Type: CodeSet

CodeName	Name	Definition
FAIL	Failed	Verification failed.
MISS	Missing	Information required to perform the verification was missing.
NOVF	NotPerformed	Verification has not been performed.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

29.2.4 Date

29.2.4.1 ISODate

Definition: A particular point in the progression of time in a calendar year expressed in the YYYY-MM-DD format. This representation is defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Type: Date

29.2.5 DateTime

29.2.5.1 ISODateTime

Definition: A particular point in the progression of time defined by a mandatory date and a mandatory time component, expressed in either UTC time format (YYYY-MM-DDThh:mm:ss.sssZ), local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm), or local time format (YYYY-MM-DDThh:mm:ss.sss). These representations are defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Note on the time format:

1) beginning / end of calendar day

00:00:00 = the beginning of a calendar day

24:00:00 = the end of a calendar day

2) fractions of second in time format

Decimal fractions of seconds may be included. In this case, the involved parties shall agree on the maximum number of digits that are allowed.

Type: DateTime

29.2.6 IdentifierSet

29.2.6.1 AnyBICDec2014Identifier

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362: 2014 - "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Type: IdentifierSet

Identification scheme: SWIFT; AnyBICIdentifier

Format

pattern [A-Z0-9]{4,4}[A-Z]{2,2}[A-Z0-9]{2,2}([A-Z0-9]{3,3}){0,1}

Constraints

- AnyBIC

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

29.2.6.2 BBANIdentifier

Definition: Basic Bank Account Number (BBAN). Identifier used nationally by financial institutions, ie, in individual countries, generally as part of a National Account Numbering Scheme(s), which uniquely identifies the account of a customer.

Type: IdentifierSet

Identification scheme: National Banking Association; Basic Bank Account Number

Format

pattern [a-zA-Z0-9]{1,30}

29.2.6.3 IBAN2007Identifier

Definition: The International Bank Account Number is a code used internationally by financial institutions to uniquely identify the account of a customer at a financial institution as described in the 2007 edition of the ISO 13616 standard "Banking and related financial services - International Bank Account Number (IBAN)" and replaced by the more recent edition of the standard.

Type: IdentifierSet

Identification scheme: National Banking Association; International Bank Account Number (ISO 13616)

Format

pattern [A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}

Constraints

- **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

29.2.6.4 LEIIdentifier

Definition: Legal Entity Identifier is a code allocated to a party as described in ISO 17442 "Financial Services - Legal Entity Identifier (LEI)".

Type: IdentifierSet

Identification scheme: Global LEI System; LEIIdentifier

Format

pattern [A-Z0-9]{18,18}[0-9]{2,2}

29.2.6.5 UPICIdentifier

Definition: Universal Payment Identification Code (UPIC). Identifier used by the New York Clearing House to mask confidential data, such as bank accounts and bank routing numbers. UPIC numbers remain with business customers, regardless of banking relationship changes.

Type: IdentifierSet

Identification scheme: The Clearing House (formerly The New York Clearing House); Universal Payment Identification Code

Format

pattern [0-9]{8,17}

29.2.7 Indicator

29.2.7.1 PlusOrMinusIndicator

Definition: Indicates a positive or negative value.

Type: Indicator

Meaning When True: Plus

Meaning When False: Minus

29.2.7.2 TrueFalseIndicator

Definition: A flag indicating a True or False value.

Type: Indicator

Meaning When True: True

Meaning When False: False

29.2.8 Quantity

29.2.8.1 DecimalNumber

Definition: Number of objects represented as a decimal number, for example 0.75 or 45.6.

Type: Quantity

Format

totalDigits	18
fractionDigits	17

29.2.8.2 Number

Definition: Number of objects represented as an integer.

Type: Quantity

Format

totalDigits	18
fractionDigits	0

29.2.8.3 PositiveNumber

Definition: Number of objects represented as a positive integer.

Type: Quantity

Format

minInclusive	1
totalDigits	18
fractionDigits	0

29.2.9 Rate

29.2.9.1 BaseOneRate

Definition: Rate expressed as a decimal, for example, 0.7 is 7/10 and 70%.

Type: Rate

Format

totalDigits	11
fractionDigits	10
baseValue	1.0

29.2.9.2 PercentageRate

Definition: Rate expressed as a percentage, that is, in hundredths, for example, 0.7 is 7/10 of a percent, and 7.0 is 7%.

Type: Rate

Format

totalDigits	11
fractionDigits	10
baseValue	100.0

29.2.10 Text

29.2.10.1 Exact3AlphaNumericText

Definition: Specifies an alphanumeric string with a length of exact 3 characters.

Type: Text

Format

pattern	[a-zA-Z0-9]{3}
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29.2.10.2 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.

Type: Text

Format

pattern	[0-9]{3}
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29.2.10.3 Exact4AlphaNumericText

Definition: Specifies an alphanumeric string with a length of 4 characters.

Type: Text

Format

pattern	[a-zA-Z0-9]{4}
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29.2.10.4 Exact4NumericText

Definition: Specifies a numeric string with an exact length of 4 digits.

Type: Text

Format

pattern	[0-9]{4}
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29.2.10.5 Max1025Text

Definition: Specifies a character string with a maximum length of 1025 characters.

Type: Text

Format

minLength	1
maxLength	1025

29.2.10.6 Max104Text

Definition: Specifies a character string with a maximum length of 104 characters.

Type: Text

Format

minLength	1
maxLength	104

29.2.10.7 Max10Text

Definition: Specifies a character string with a maximum length of 10 characters.

Type: Text

Format

minLength	1
maxLength	10

29.2.10.8 Max11NumericText

Definition: Specifies a numeric string with a maximum length of 11 digits.

Type: Text

Format

pattern	[0-9]{1,11}
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29.2.10.9 Max128Text

Definition: Specifies a character string with a maximum length of 128 characters.

Type: Text

Format

minLength	1
maxLength	128

29.2.10.10 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

29.2.10.11 Max15NumericText

Definition: Specifies a numeric string with a maximum length of 15 digits.

Type: Text

Format

pattern	[0-9]{1,15}
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29.2.10.12 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

29.2.10.13 Max19NumericText

Definition: Specifies a numeric string with a maximum length of 19 digits.

Type: Text

Format

pattern	[0-9]{1,19}
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29.2.10.14 Max20000Text

Definition: Specifies a character string with a maximum length of 20, 000 characters.

Type: Text

Format

minLength	1
maxLength	20000

29.2.10.15 Max2048Text

Definition: Specifies a character string with a maximum length of 2048 characters.

Type: Text

Format

minLength	1
maxLength	2048

29.2.10.16 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

29.2.10.17 Max2NumericText

Definition: Specifies a numeric string with a maximum length of 2 digits.

Type: Text

Format

pattern	[0-9]{1,2}
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29.2.10.18 Max30Text

Definition: Specifies a character string with a maximum length of 30 characters.

Type: Text

Format

maxLength	30
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29.2.10.19 Max34Text

Definition: Specifies a character string with a maximum length of 34 characters.

Type: Text

Format

minLength	1
maxLength	34

29.2.10.20 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format	
minLength	1
maxLength	350

29.2.10.21 Max35NumericText

Definition: Specifies a numeric string with a maximum length of 35 digits.
Type: Text

Format	
pattern	[0-9]{1,35}

29.2.10.22 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.
Type: Text

Format	
minLength	1
maxLength	35

29.2.10.23 Max37Text

Definition: Specifies a character string with a maximum length of 37 characters.
Type: Text

Format	
minLength	1
maxLength	37

29.2.10.24 Max3NumericText

Definition: Specifies a numeric string with a maximum length of 3 digits.
Type: Text

Format	
pattern	[0-9]{1,3}

29.2.10.25 Max3Text

Definition: Specifies a character string with a maximum length of 3 characters.
Type: Text

Format	
minLength	1

maxLength	3
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29.2.10.26 Max45Text

Definition: Specifies a character string with a maximum length of 45 characters.

Type: Text

Format

minLength	1
maxLength	45

29.2.10.27 Max4Text

Definition: Specifies a character string with a maximum length of 4 characters.

Type: Text

Format

minLength	1
maxLength	4

29.2.10.28 Max500Text

Definition: Specifies a character string with a maximum length of 500 characters.

Type: Text

Format

minLength	1
maxLength	500

29.2.10.29 Max5NumericText

Definition: Specifies a numeric string with a maximum length of 5 digits.

Type: Text

Format

pattern	[0-9]{1,5}
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29.2.10.30 Max6Text

Definition: Specifies a character string with a maximum length of 6 characters.

Type: Text

Format

minLength	1
maxLength	6

29.2.10.31 Max70Text

Definition: Specifies a character string with a maximum length of 70characters.

Type: Text

Format

minLength	1
maxLength	70

29.2.10.32 Max76Text

Definition: Specifies a character string with a maximum length of 76 characters.

Type: Text

Format

minLength	1
maxLength	76

29.2.10.33 Max8000Text

Definition: Specifies a character string with a maximum length of 8000 characters.

Type: Text

Format

minLength	1
maxLength	8000

29.2.10.34 Max8Text

Definition: Specifies a character string with a maximum length of 8 characters.

Type: Text

Format

minLength	1
maxLength	8

29.2.10.35 Max9NumericText

Definition: Specifies a numeric string with a maximum length of 9 digits.

Type: Text

Format

pattern	[0-9]{1,9}
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29.2.10.36 Min2Max3AlphaText

Definition: Specifies an alpha string with a minimum length of 2 characters and a maximum length of 3 characters.

Type: Text

Format

pattern	[a-zA-Z]{2,3}
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29.2.10.37 Min2Max3NumericText

Definition: Specifies a numeric string with a minimum length of 2 digits, and a maximum length of 3 digits.

Type: Text

Format

pattern	[0-9]{2,3}
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29.2.10.38 Min3Max4Text

Definition: Specifies a character string with a minimum length of 3 characters, and a maximum length of 4 characters.

Type: Text

Format

minLength	3
maxLength	4

29.2.10.39 Min6Max8Text

Definition: Specifies a character string with a minimum length of 6 characters, and a maximum length of 8 characters.

Type: Text

Format

minLength	6
maxLength	8

29.2.10.40 Min8Max28NumericText

Definition: Specifies a numeric string with a minimum length of 8 digits, and a maximum length of 28 digits.

Type: Text

Format

pattern	[0-9]{8,28}
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29.2.10.41 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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